

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX031119\
 Data File : VX007960.D
 Acq On : 11 Mar 2019 09:41
 Operator : JC/SP
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020

Quant Time: Mar 12 07:59:07 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X030819W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Mar 08 12:01:36 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.02	128	47190	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	6.86	114	254334	30.00	ug/l	0.00
57) Chlorobenzene-d5	10.11	117	226138	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	6.07	65	92102	29.69	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	98.97%
60) 4-Bromofluorobenzene	11.13	95	109556	30.35	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	101.17%
63) Toluene-d8	8.71	98	314469	30.39	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	101.30%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.20	85	53010	18.922	ug/l 99
3) Chloromethane	1.33	50	54833	17.601	ug/l 96
4) Vinyl Chloride	1.41	62	54802	17.759	ug/l 100
5) Bromomethane	1.64	94	28071	18.246	ug/l 97
6) Chloroethane	1.73	64	31857	17.677	ug/l 97
7) Trichlorofluoromethane	1.93	101	70366	18.312	ug/l 98
8) Diethyl Ether	2.19	74	37846	19.125	ug/l 90
9) 1,1,2-Trichlorotrifluoroet	2.39	101	57612	19.942	ug/l 97
10) 1,1-Dichloroethene	2.38	96	53136	19.405	ug/l 98
11) Methyl Iodide	2.51	142	82405	19.224	ug/l 93
12) Methyl Acetate	2.78	43	78868	18.211	ug/l 97
13) Acrolein	2.29	56	43848	86.302	ug/l 100
14) Acrylonitrile	3.15	53	175084	95.238	ug/l 100
15) Acetone	2.45	58	66017	99.464	ug/l 97
16) Carbon Disulfide	2.57	76	163235	19.000	ug/l 98
17) Allyl chloride	2.73	41	106515	18.973	ug/l 89
18) Methylene Chloride	2.86	84	58265	18.677	ug/l 93
19) trans-1,2-Dichloroethene	3.17	96	56754	19.589	ug/l 98
20) Diisopropyl ether	3.87	45	202363	19.704	ug/l 95
21) 1,1-Dichloroethane	3.70	63	105981	18.974	ug/l 99
22) cis-1,2-Dichloroethene	4.60	96	63199	18.910	ug/l 93
23) tert-Butyl Alcohol	3.06	59	73175	98.664	ug/l 100
24) Methyl tert-Butyl Ether	3.20	73	183946	19.538	ug/l 94
25) Chloroform	5.21	83	100239	19.013	ug/l 97
26) Cyclohexane	5.57	56	97770	18.942	ug/l # 92
29) 1,1-Dichloropropene	5.79	75	77382	19.189	ug/l 97
30) 2-Butanone	4.70	43	262747	96.602	ug/l 98
31) 2,2-Dichloropropane	4.59	77	76823	20.625	ug/l 98
32) 1,1,1-Trichloroethane	5.49	97	86052	19.734	ug/l 100
33) Carbon Tetrachloride	5.78	117	76705	19.831	ug/l 97
34) Benzene	6.14	78	231894	18.764	ug/l 98
35) Methacrylonitrile	5.06	41	48481	18.292	ug/l 95
36) 1,2-Dichloroethane	6.20	62	75634	18.811	ug/l 99
37) Trichloroethene	7.21	130	65446	19.546	ug/l 98
38) Methylcyclohexane	7.46	83	99338	19.375	ug/l 95
39) 1,2-Dichloropropane	7.51	63	60354	18.726	ug/l 99
40) Dibromomethane	7.66	93	38889	19.023	ug/l 92

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

41) Bromodichloromethane	7.90	83	73388	18.992	ug/l	97
42) Vinyl Acetate	3.82	43	885110	100.531	ug/l	97
43) Ethyl Acetate	4.85	43	87338	18.435	ug/l #	83
44) Isopropyl Acetate	6.46	43	134725	18.637	ug/l	98
45) 1,4-Dioxane	7.74	88	29106	384.851	ug/l	92
46) Methyl methacrylate	7.77	41	70660	18.586	ug/l	92
47) n-amyl Acetate	10.90	43	113173	18.170	ug/l	99
48) t-1,3-Dichloropropene	9.04	75	80121	19.144	ug/l	97
49) cis-1,3-Dichloropropene	8.43	75	90566	19.111	ug/l	96
50) 1,1,2-Trichloroethane	9.21	97	59494	19.092	ug/l	97
51) Ethyl methacrylate	9.18	69	87978	18.617	ug/l	93
52) 1,3-Dichloropropane	9.37	76	97871	19.008	ug/l	99
53) Dibromochloromethane	9.58	129	62225	19.413	ug/l	99
54) 1,2-Dibromoethane	9.67	107	62710	19.249	ug/l	98
55) 2-Chloroethyl vinyl ether	8.31	63	209757	95.431	ug/l	99
56) Bromoform	10.85	173	49323	19.291	ug/l #	96
58) 4-Methyl-2-Pentanone	8.65	43	444803	95.536	ug/l	99
59) 2-Hexanone	9.49	43	353408	96.160	ug/l	99
61) Tetrachloroethene	9.34	164	68726	20.834	ug/l	96
62) Toluene	8.78	91	250367	18.960	ug/l	100
64) Chlorobenzene	10.14	112	160637	19.087	ug/l	100
65) 1,1,1,2-Tetrachloroethane	10.22	131	59890	19.876	ug/l	99
66) Ethyl Benzene	10.25	91	267521	18.862	ug/l	99
67) m/p-Xylenes	10.36	106	207675	38.186	ug/l	95
68) o-Xylene	10.69	106	100833	19.093	ug/l	98
69) Styrene	10.71	104	166335	19.116	ug/l	99
70) Isopropylbenzene	11.02	105	274976	19.486	ug/l	98
71) 1,1,2,2-Tetrachloroethane	11.27	83	87122	18.693	ug/l	99
72) 1,2,3-Trichloropropane	11.29	75	101713	23.153	ug/l	91
73) Bromobenzene	11.26	156	72857	19.420	ug/l	97
74) n-propylbenzene	11.36	91	308632	19.389	ug/l	99
75) 2-Chlorotoluene	11.42	91	182987	19.179	ug/l	96
76) 1,3,5-Trimethylbenzene	11.51	105	228566	19.544	ug/l	99
77) t-1,4-Dichloro-2-butene	11.07	75	26462	19.496	ug/l	86
78) 4-Chlorotoluene	11.51	91	209574	19.428	ug/l	97
79) tert-butylbenzene	12.06	119	247580	19.727	ug/l	98
80) 1,2,4-Trimethylbenzene	11.80	105	232482	19.586	ug/l	97
81) sec-Butylbenzene	11.94	105	273127	19.429	ug/l	99
82) p-Isopropyltoluene	12.06	119	247580	19.727	ug/l	98
83) 1,3-Dichlorobenzene	12.02	146	129917	19.450	ug/l	97
84) 1,4-Dichlorobenzene	12.10	146	128415	19.215	ug/l	98
85) n-Butylbenzene	12.38	91	204834	19.084	ug/l	99
86) Hexachloroethane	12.59	117	40658	19.883	ug/l	82
87) 1,2-Dichlorobenzene	12.39	146	128386	19.449	ug/l	99
88) 1,2-Dibromo-3-Chloropropan	13.00	75	18062	18.973	ug/l	99
89) 1,2,4-Trichlorobenzene	13.65	180	92584	19.516	ug/l	98
90) Hexachlorobutadiene	13.78	225	50792	19.412	ug/l	98
91) Naphthalene	13.83	128	259784	19.103	ug/l	100
92) 1,2,3-Trichlorobenzene	14.02	180	92056	19.522	ug/l	99

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QLast Update : Fri Mar 08 12:01:36 2019
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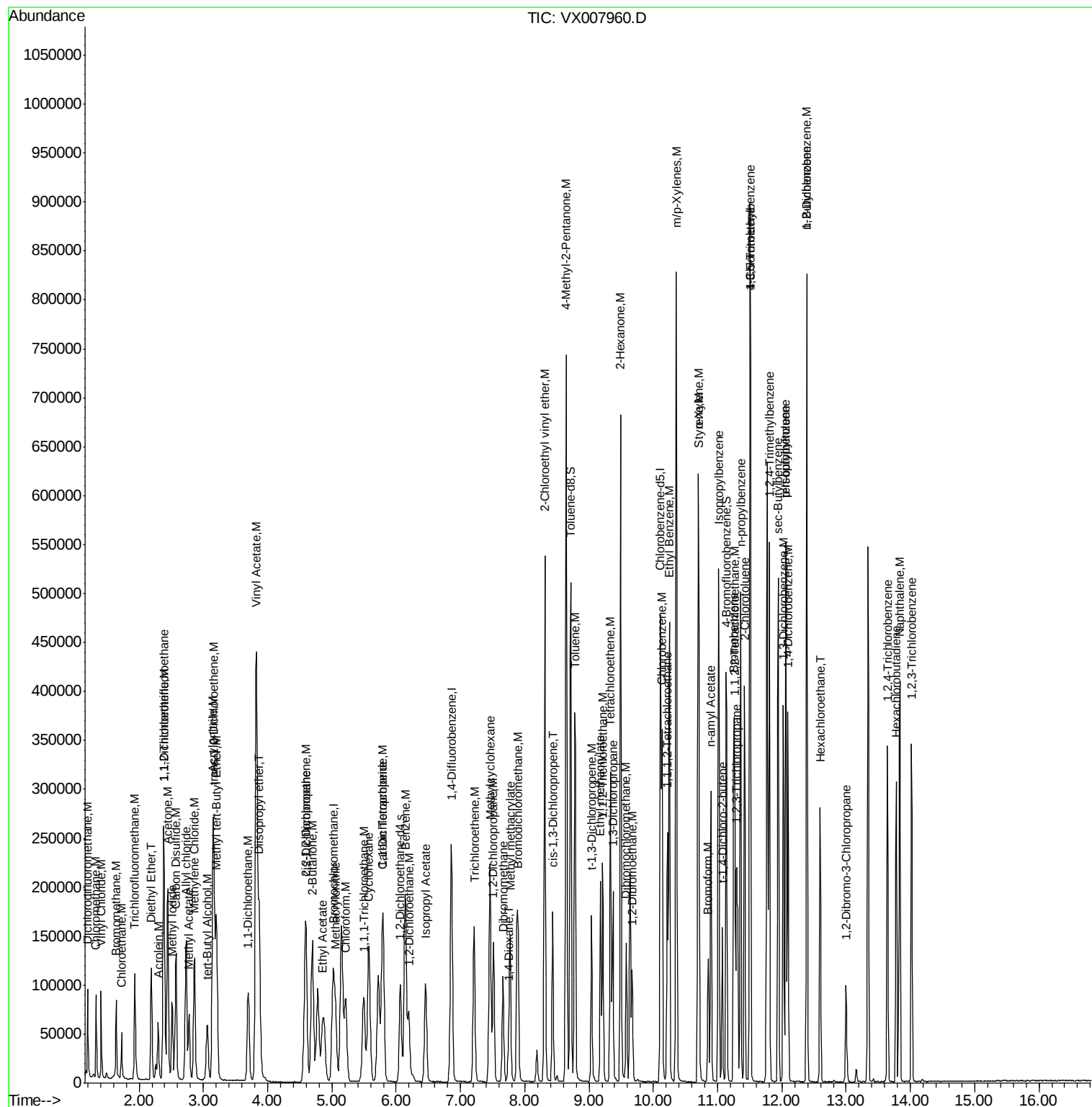
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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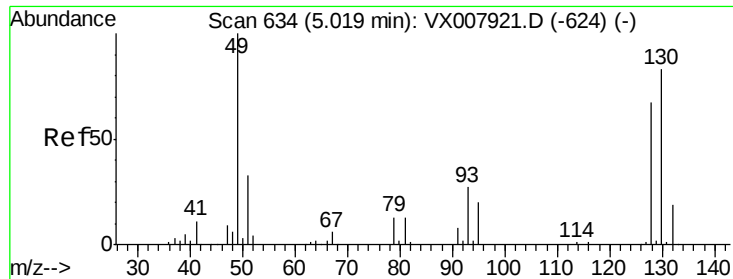
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ClientSampleID :
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Quant Time: Mar 12 07:59:07 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X030819W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Fri Mar 08 12:01:36 2019
Response via : Initial Calibration





#1

Bromochloromethane

Concen: 30.000 ug/l

RT: 5.02 min Scan# 634

Delta R.T. 0.00 min

Lab File: VX007960.D

Acq: 11 Mar 2019 09:41

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

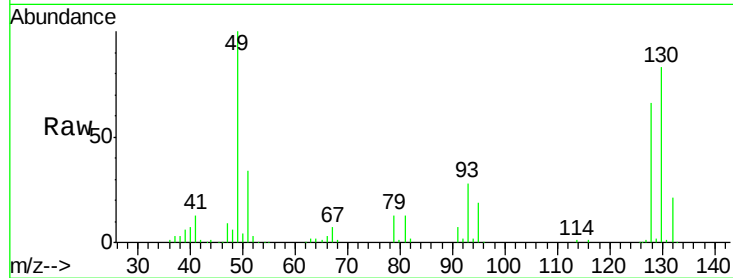
Tot Ion:128 Resp: 47190

Ion Ratio Lower Upper

128 100

49 154.3 0.0 350.8

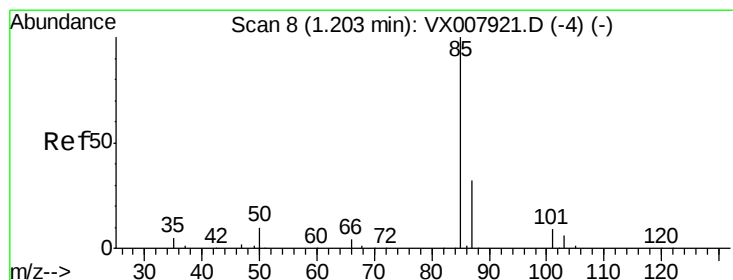
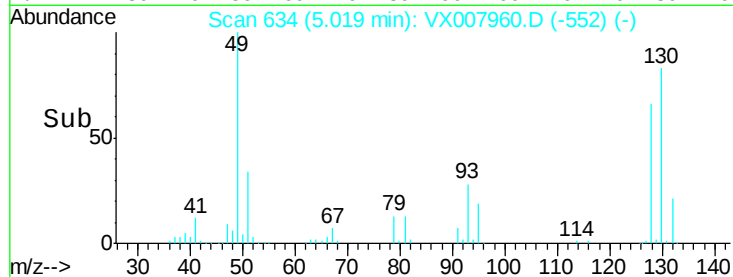
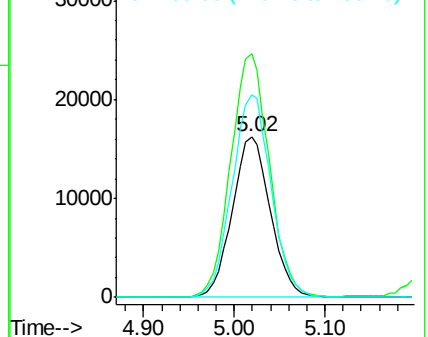
130 129.9 0.0 325.8



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 49.00 (48.70 to 49.70): VX0

Ion 130.00 (129.70 to 130.70): V



#2

Dichlorodifluoromethane

Concen: 18.922 ug/l

RT: 1.20 min Scan# 8

Delta R.T. 0.00 min

Lab File: VX007960.D

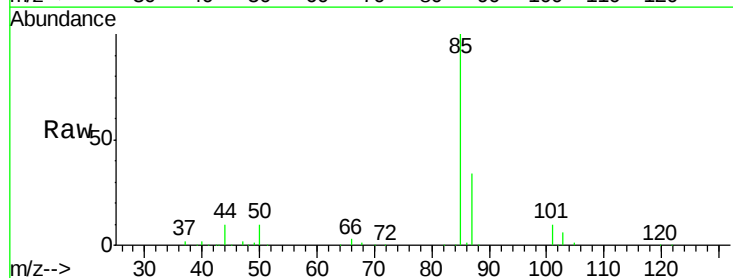
Acq: 11 Mar 2019 09:41

Tgt Ion: 85 Resp: 53010

Ion Ratio Lower Upper

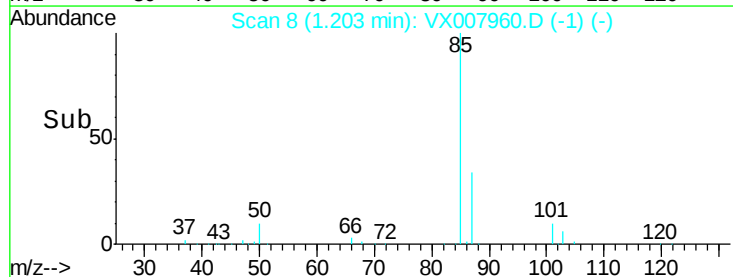
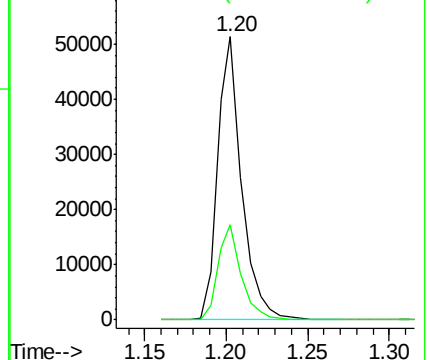
85 100

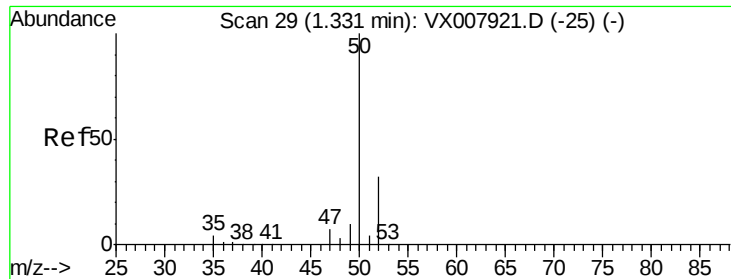
87 33.5 16.6 49.8



Abundance Ion 85.00 (84.70 to 85.70): VX0

Ion 87.00 (86.70 to 87.70): VX0





#3

Chloromethane

Concen: 17.601 ug/l

RT: 1.33 min Scan# 29

Delta R.T. 0.00 min

Lab File: VX007960.D

Acq: 11 Mar 2019 09:41

Instrument :

MSVOA_X

ClientSampleId :

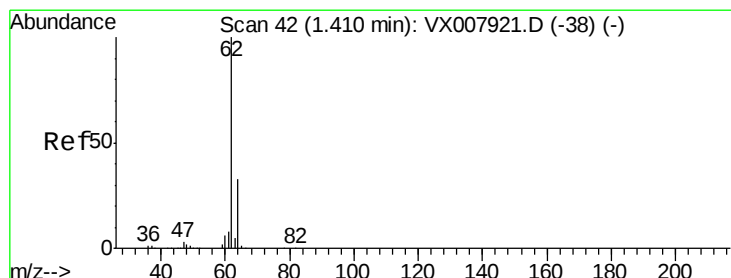
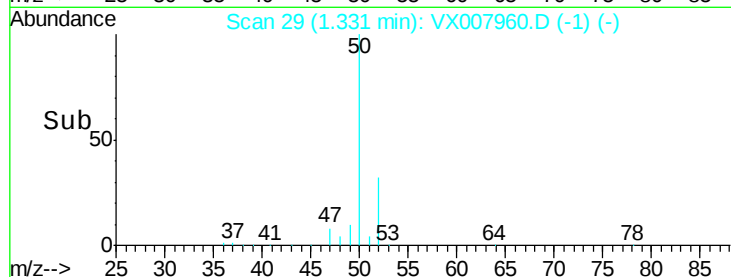
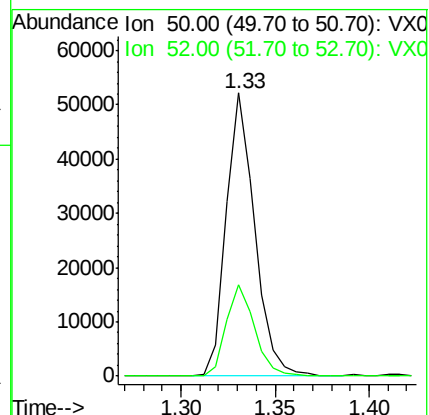
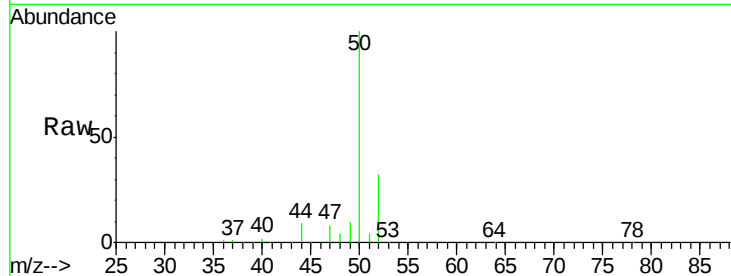
VSTDCCC020

Tot Ion: 50 Resp: 54833

Ion Ratio Lower Upper

50 100

52 32.3 27.5 41.3



#4

Vinyl Chloride

Concen: 17.759 ug/l

RT: 1.41 min Scan# 42

Delta R.T. 0.00 min

Lab File: VX007960.D

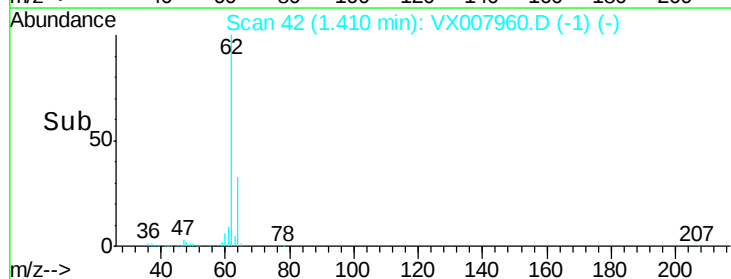
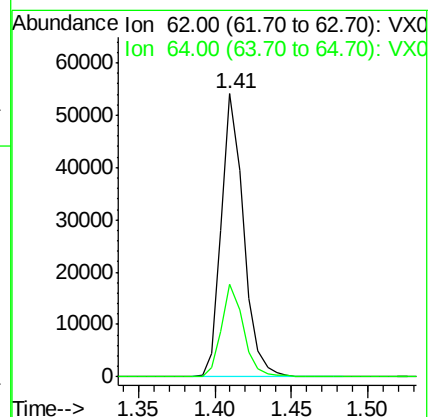
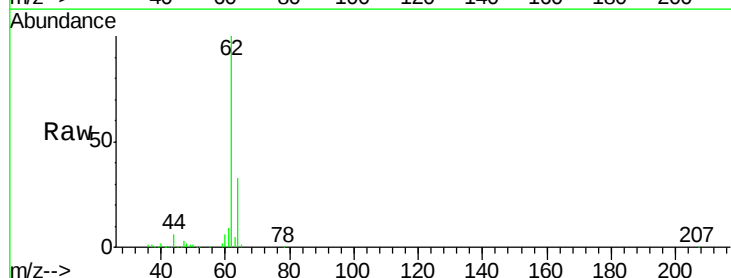
Acq: 11 Mar 2019 09:41

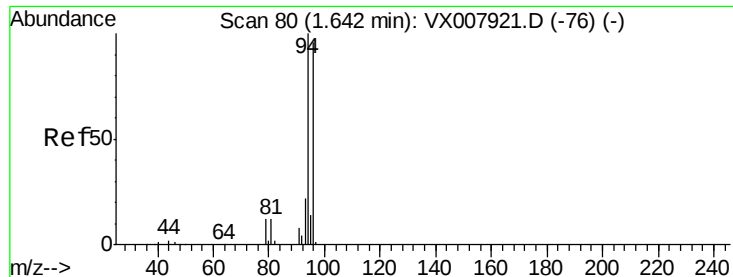
Tgt Ion: 62 Resp: 54802

Ion Ratio Lower Upper

62 100

64 32.6 25.9 38.9





#5

Bromomethane

Concen: 18.246 ug/l

RT: 1.64 min Scan# 80

Delta R.T. 0.00 min

Lab File: VX007960.D

Acq: 11 Mar 2019 09:41

Instrument :

MSVOA_X

ClientSampleId :

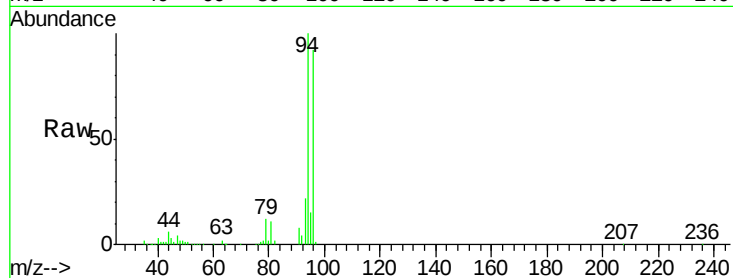
VSTDCCC020

Tot Ion: 94 Resp: 28071

Ion Ratio Lower Upper

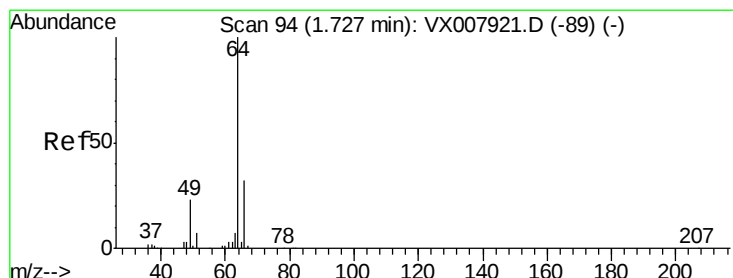
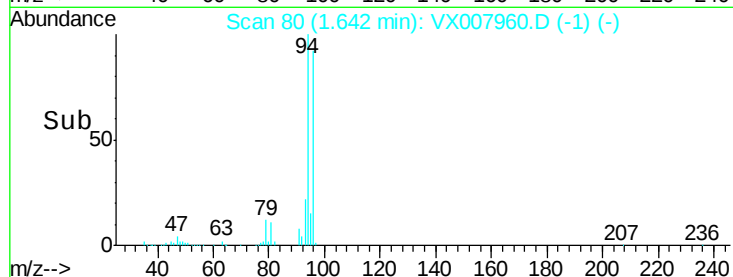
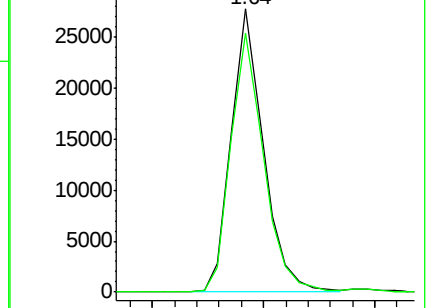
94 100

96 91.5 75.6 113.4



Abundance Ion 94.00 (93.70 to 94.70): VX0

Ion 96.00 (95.70 to 96.70): VX0



#6

Chloroethane

Concen: 17.677 ug/l

RT: 1.73 min Scan# 94

Delta R.T. 0.00 min

Lab File: VX007960.D

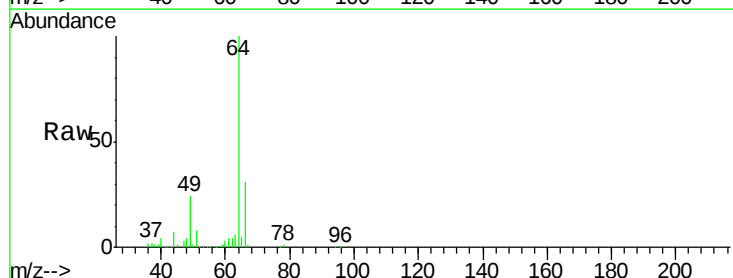
Acq: 11 Mar 2019 09:41

Tgt Ion: 64 Resp: 31857

Ion Ratio Lower Upper

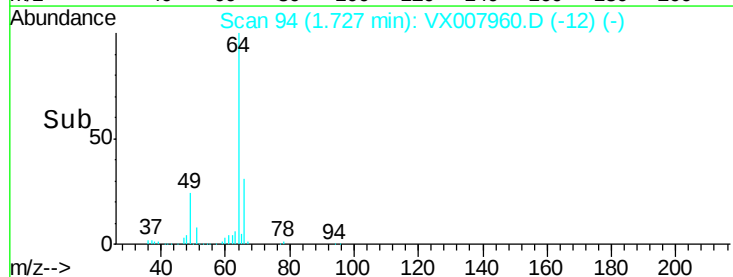
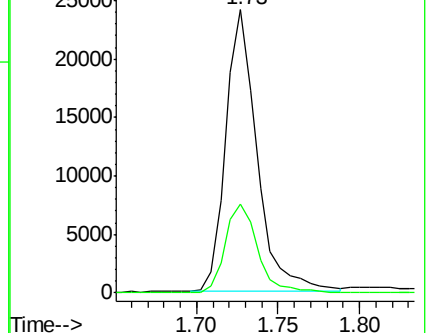
64 100

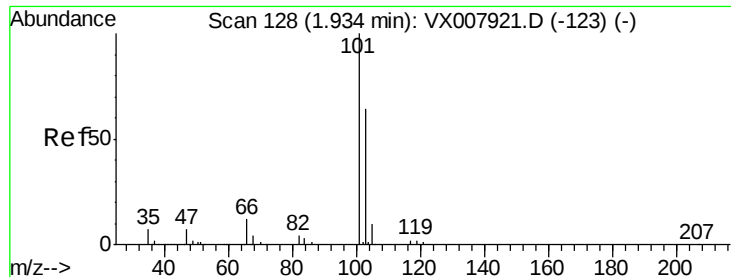
66 31.4 23.9 35.9



Abundance Ion 64.00 (63.70 to 64.70): VX0

Ion 66.00 (65.70 to 66.70): VX0



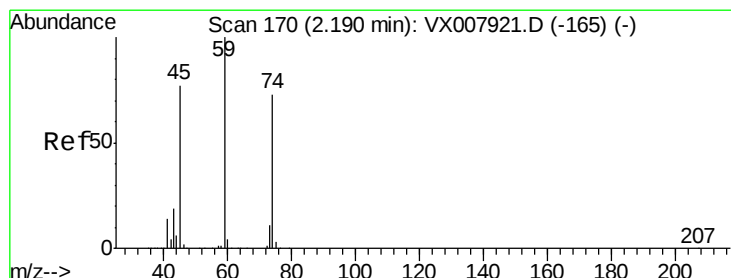
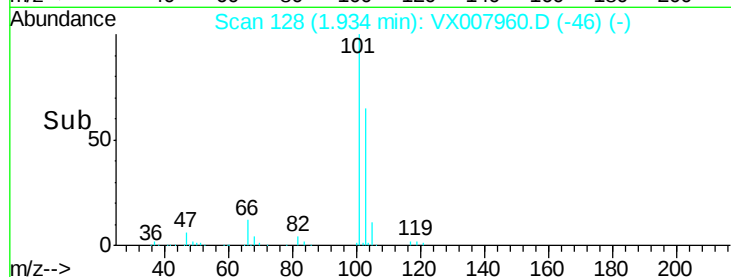
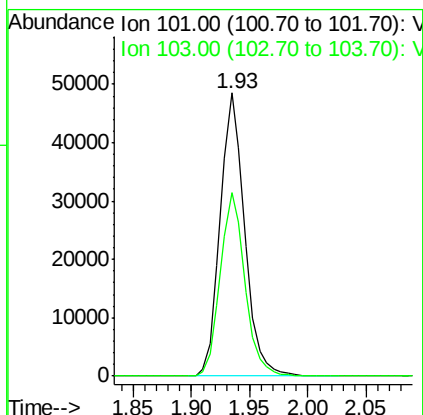
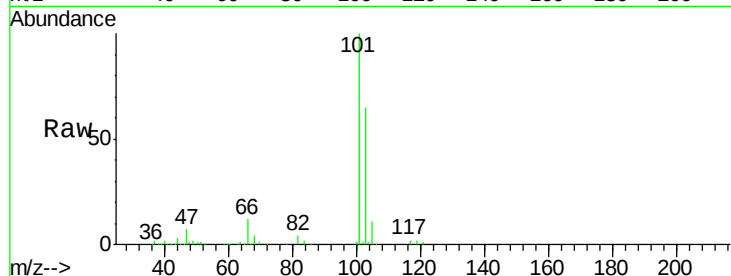


#7

Trichlorofluoromethane
Concen: 18.312 ug/l
RT: 1.93 min Scan# 128
Delta R.T. 0.00 min
Lab File: VX007960.D
Acq: 11 Mar 2019 09:41

Instrument :
MSVOA_X
ClientSampleId :
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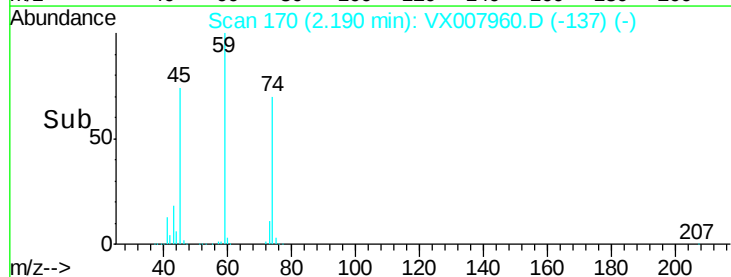
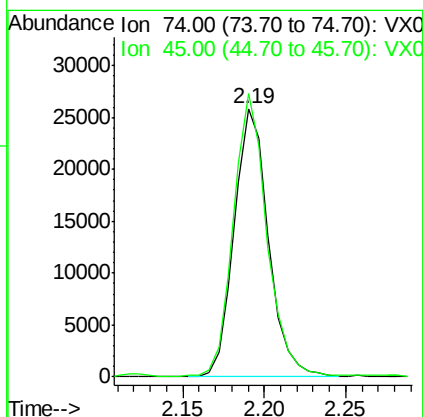
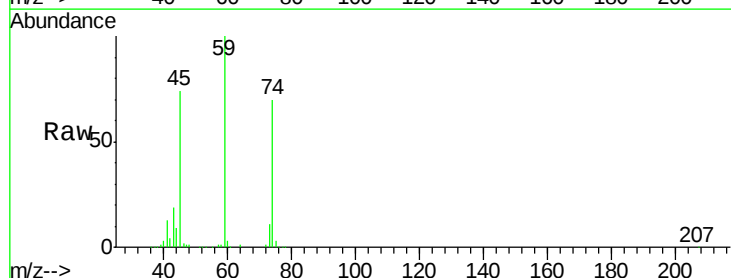
Tot Ion:101 Resp: 70366
Ion Ratio Lower Upper
101 100
103 64.8 50.4 75.6

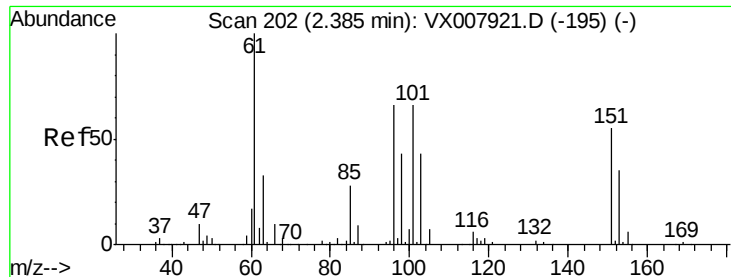


#8

Diethyl Ether
Concen: 19.125 ug/l
RT: 2.19 min Scan# 170
Delta R.T. 0.00 min
Lab File: VX007960.D
Acq: 11 Mar 2019 09:41

Tgt Ion: 74 Resp: 37846
Ion Ratio Lower Upper
74 100
45 102.4 18.6 167.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.942 ug/l

RT: 2.39 min Scan# 203

Delta R.T. 0.01 min

Lab File: VX007960.D

Acq: 11 Mar 2019 09:41

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

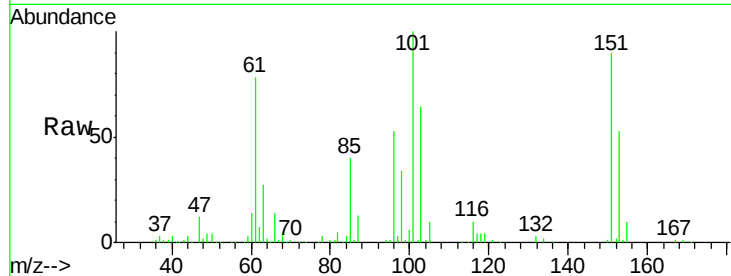
Tot Ion:101 Resp: 57612

Ion Ratio Lower Upper

101 100

85 41.8 0.0 86.8

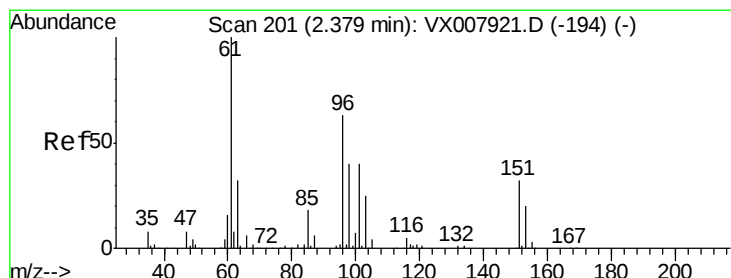
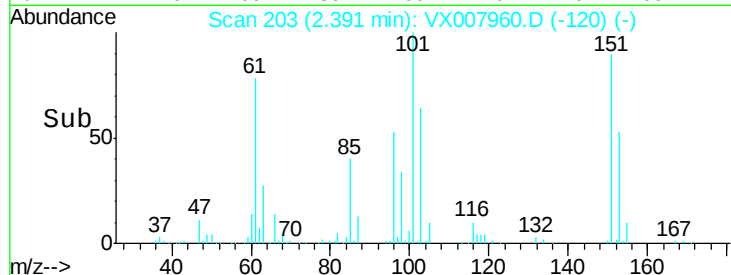
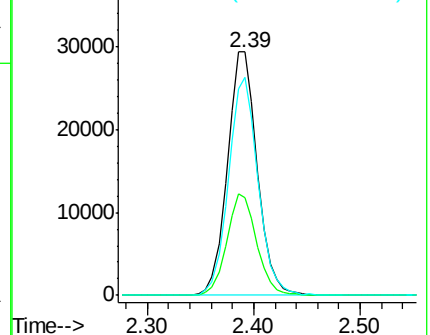
151 88.2 0.0 169.2



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VX0

Ion 151.00 (150.70 to 151.70): V



#10

1,1-Dichloroethene

Concen: 19.405 ug/l

RT: 2.38 min Scan# 201

Delta R.T. 0.00 min

Lab File: VX007960.D

Acq: 11 Mar 2019 09:41

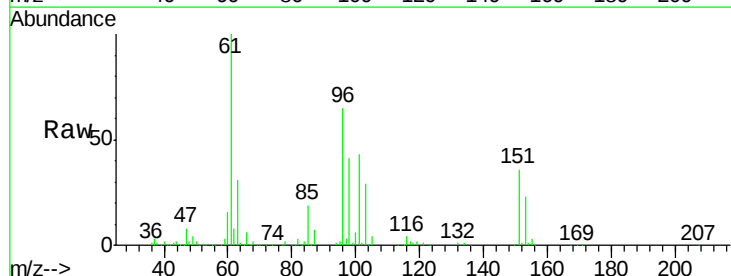
Tgt Ion: 96 Resp: 53136

Ion Ratio Lower Upper

96 100

61 153.4 120.2 180.2

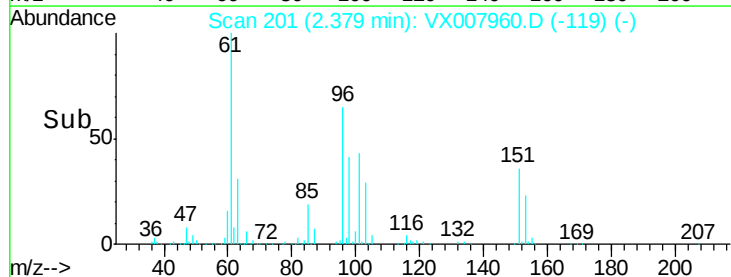
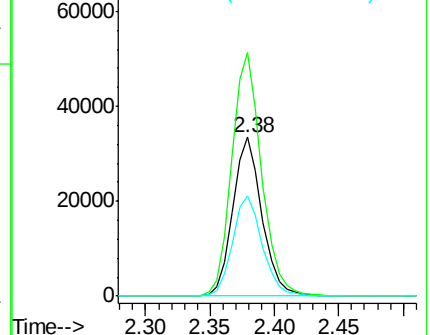
98 63.0 49.0 73.4

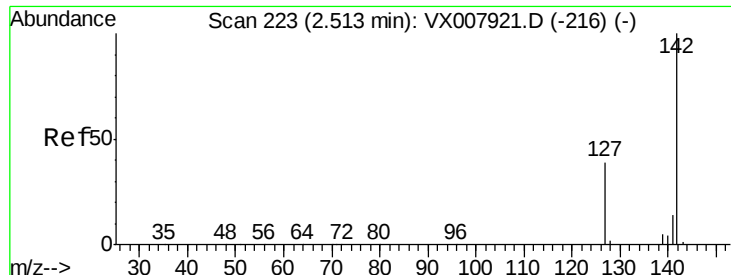


Abundance Ion 96.00 (95.70 to 96.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 98.00 (97.70 to 98.70): VX0

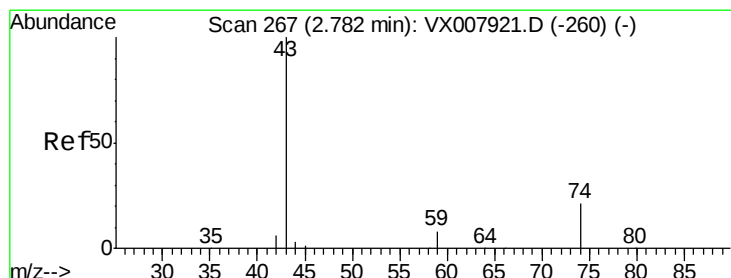
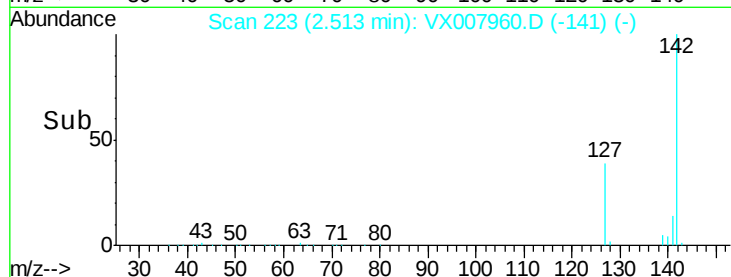
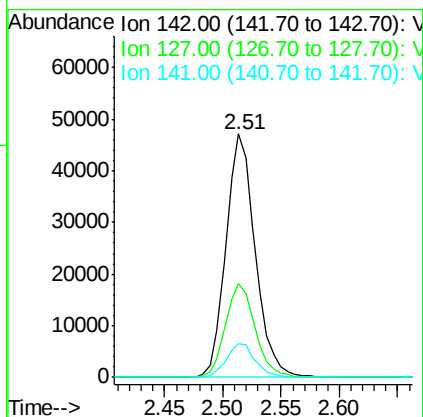
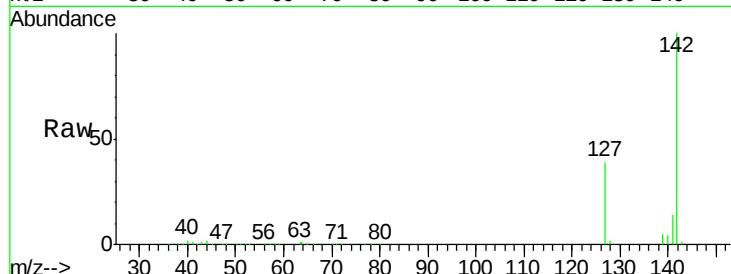




#11
Methvl Iodide
Concen: 19.224 ug/l
RT: 2.51 min Scan# 223
Delta R.T. 0.00 min
Lab File: VX007960.D
Acq: 11 Mar 2019 09:41

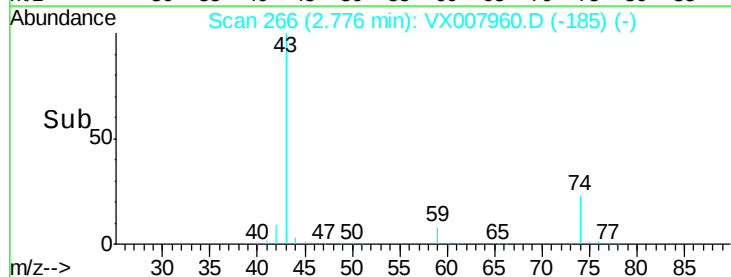
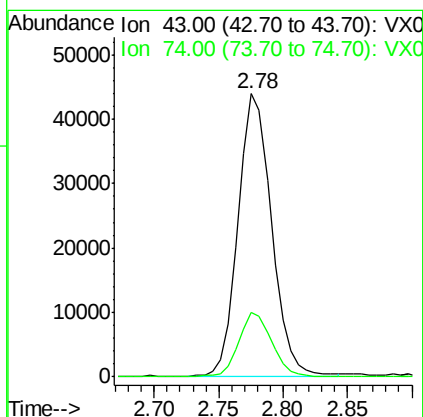
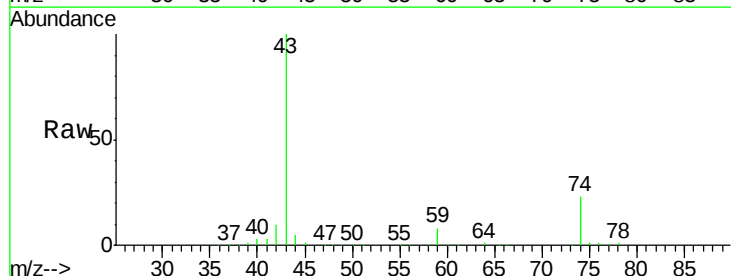
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

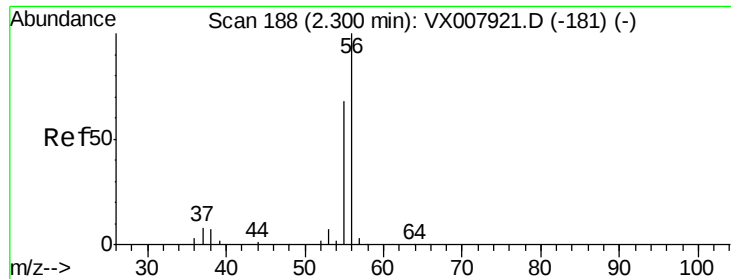
Tot Ion:142 Resp: 82405
Ion Ratio Lower Upper
142 100
127 38.6 22.1 66.5
141 14.0 7.4 22.3



#12
Methyl Acetate
Concen: 18.211 ug/l
RT: 2.78 min Scan# 266
Delta R.T. -0.01 min
Lab File: VX007960.D
Acq: 11 Mar 2019 09:41

Tgt Ion: 43 Resp: 78868
Ion Ratio Lower Upper
43 100
74 22.9 19.4 29.0





#13

Acrolein

Concen: 86.302 ug/l

RT: 2.29 min Scan# 187

Delta R.T. -0.01 min

Lab File: VX007960.D

Acq: 11 Mar 2019 09:41

Instrument :

MSVOA_X

ClientSampleId :

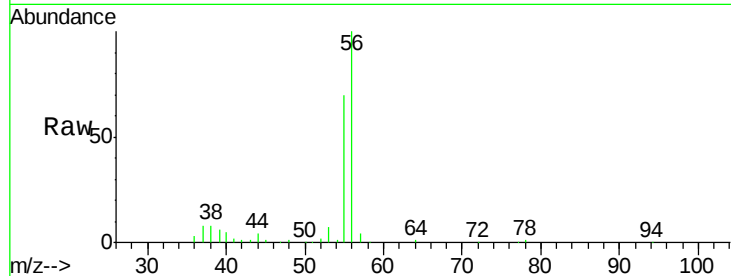
VSTDCCC020

Tot Ion: 56 Resp: 43848

Ion Ratio Lower Upper

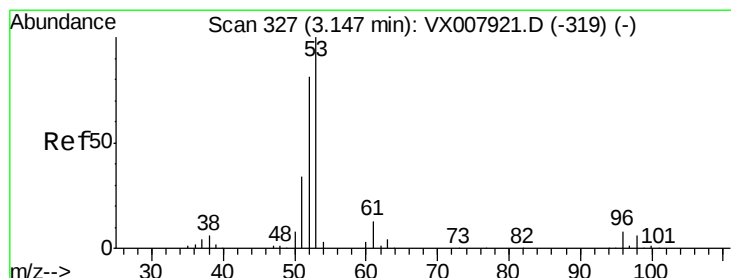
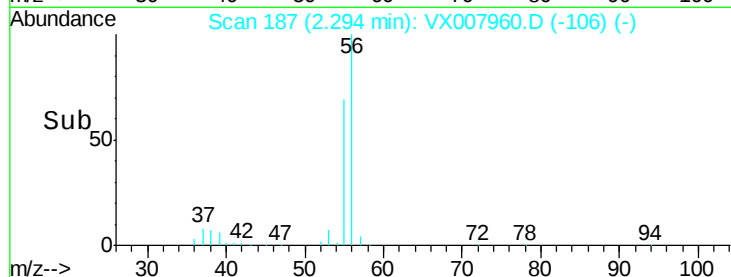
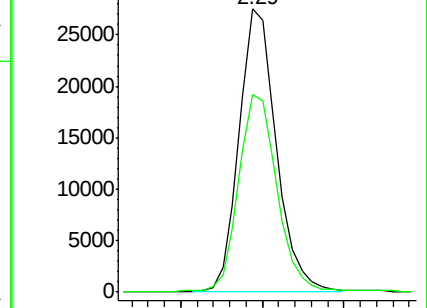
56 100

55 73.0 58.6 87.8



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0



#14

Acrylonitrile

Concen: 95.238 ug/l

RT: 3.15 min Scan# 327

Delta R.T. 0.00 min

Lab File: VX007960.D

Acq: 11 Mar 2019 09:41

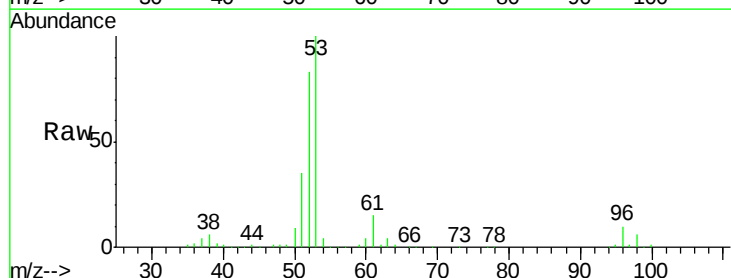
Tgt Ion: 53 Resp: 175084

Ion Ratio Lower Upper

53 100

52 82.4 41.3 124.1

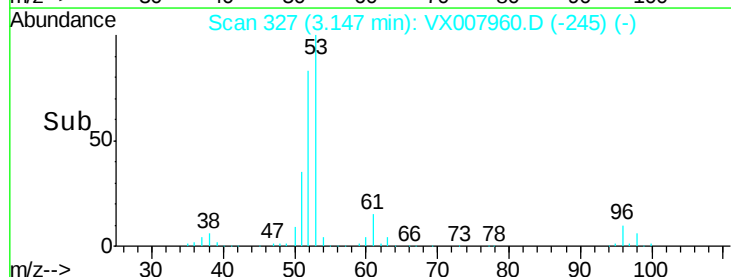
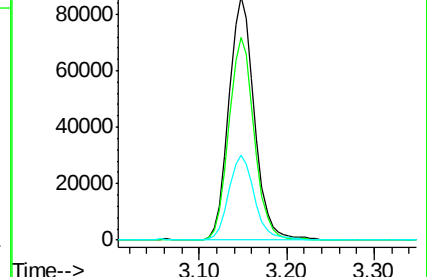
51 35.2 17.5 52.6

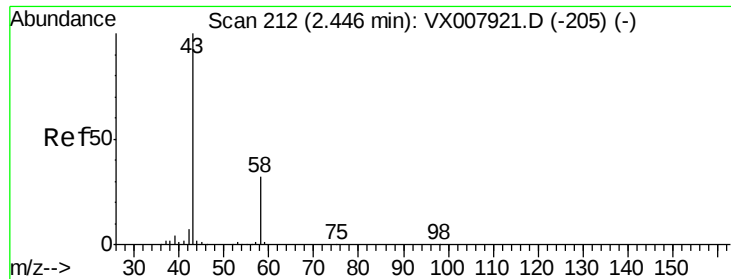


Abundance Ion 53.00 (52.70 to 53.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

Ion 51.00 (50.70 to 51.70): VX0





#15

Acetone

Concen: 99.464 ug/l

RT: 2.45 min Scan# 212

Delta R.T. 0.00 min

Lab File: VX007960.D

Acq: 11 Mar 2019 09:41

Instrument :

MSVOA_X

ClientSampleId :

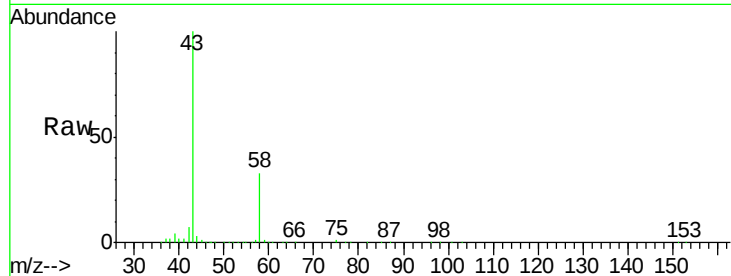
VSTDCCC020

Tot Ion: 58 Resp: 66017

Ion Ratio Lower Upper

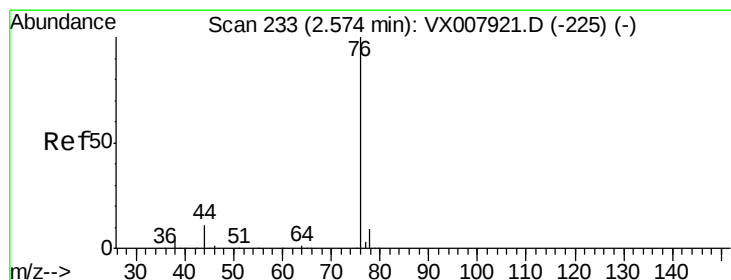
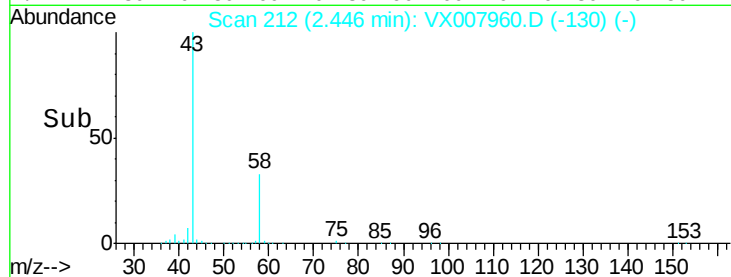
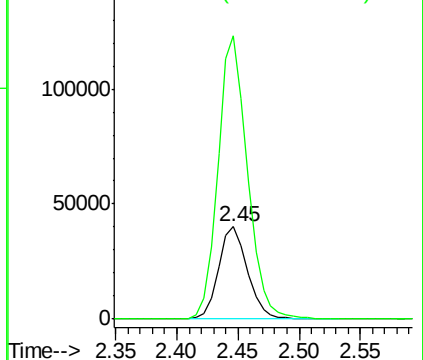
58 100

43 307.0 249.8 374.6



Abundance Ion 58.00 (57.70 to 58.70): VX0

Ion 43.00 (42.70 to 43.70): VX0



#16

Carbon Disulfide

Concen: 19.000 ug/l

RT: 2.57 min Scan# 233

Delta R.T. 0.00 min

Lab File: VX007960.D

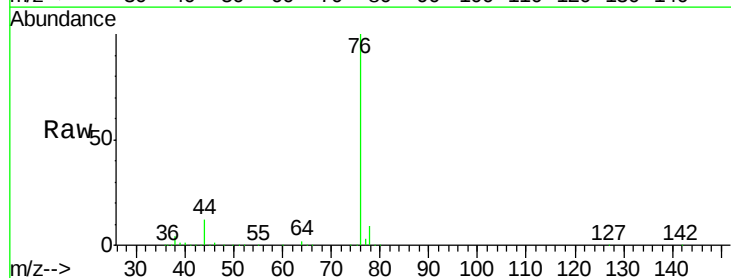
Acq: 11 Mar 2019 09:41

Tgt Ion: 76 Resp: 163235

Ion Ratio Lower Upper

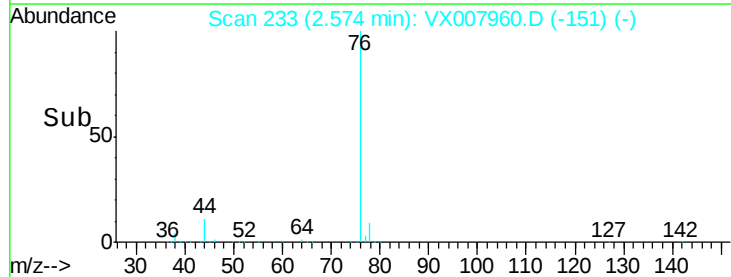
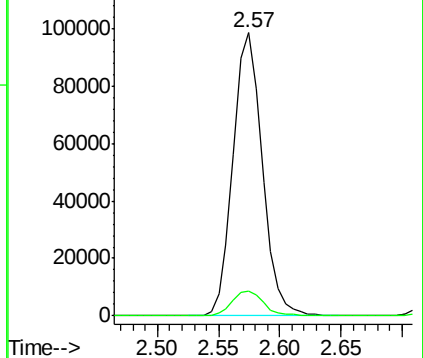
76 100

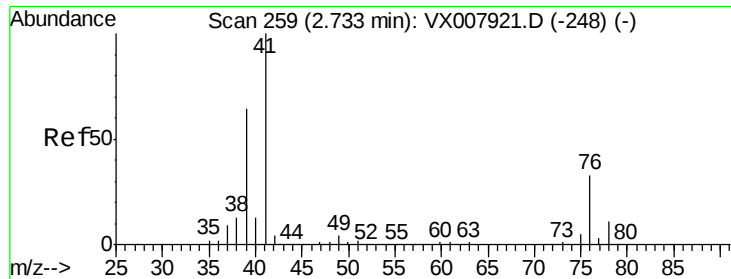
78 8.7 7.5 11.3



Abundance Ion 76.00 (75.70 to 76.70): VX0

Ion 78.00 (77.70 to 78.70): VX0

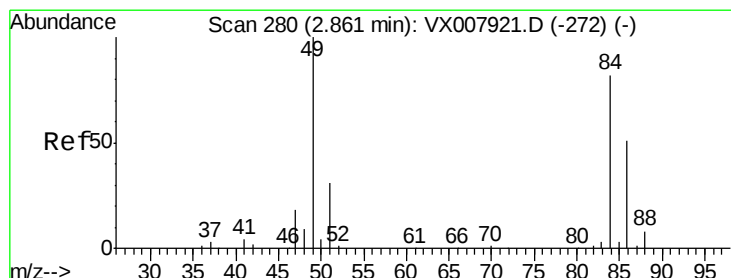
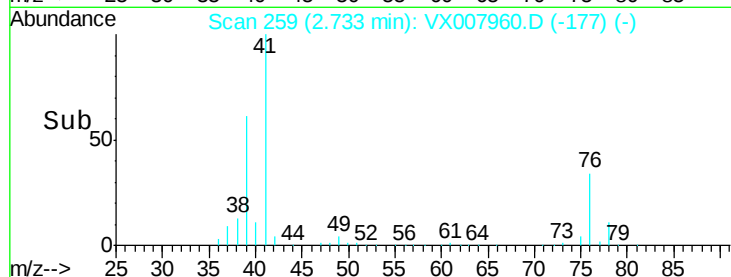
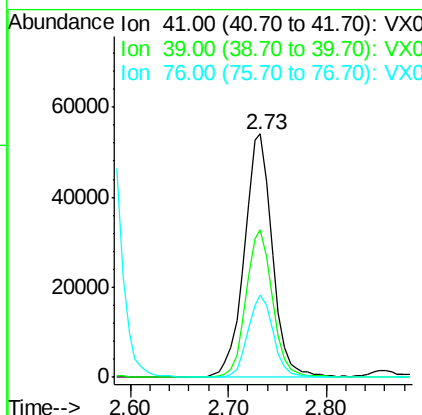
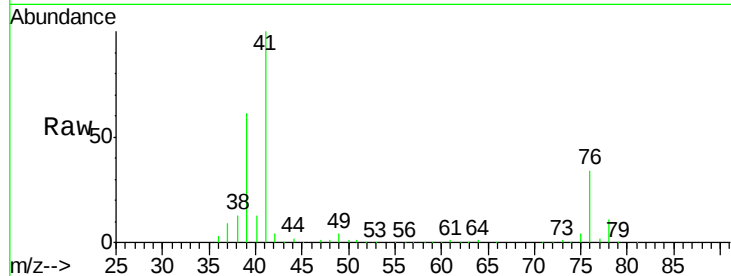




#17
Allvl chloride
Concen: 18.973 ug/l
RT: 2.73 min Scan# 259
Delta R.T. 0.00 min
Lab File: VX007960.D
Acq: 11 Mar 2019 09:41

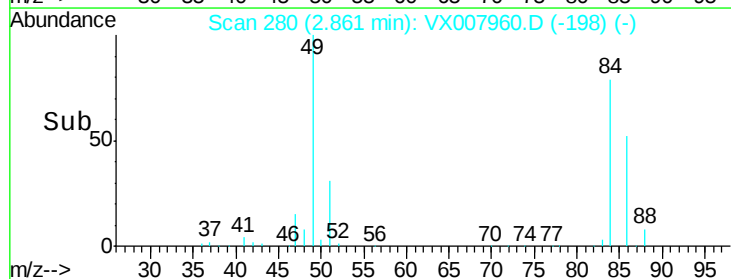
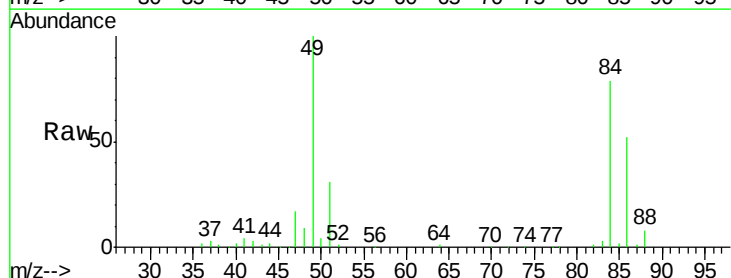
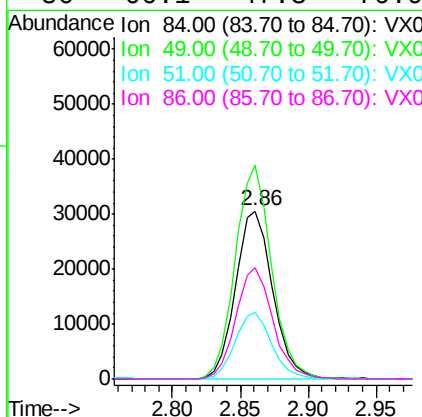
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

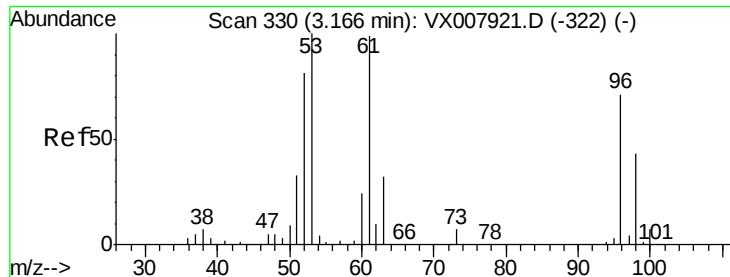
Tot Ion: 41 Resp: 106515
Ion Ratio Lower Upper
41 100
39 60.3 35.8 107.4
76 33.9 18.3 54.9



#18
Methylene Chloride
Concen: 18.677 ug/l
RT: 2.86 min Scan# 280
Delta R.T. 0.00 min
Lab File: VX007960.D
Acq: 11 Mar 2019 09:41

Tgt Ion: 84 Resp: 58265
Ion Ratio Lower Upper
84 100
49 127.2 96.1 144.1
51 39.7 29.1 43.7
86 66.1 47.3 70.9

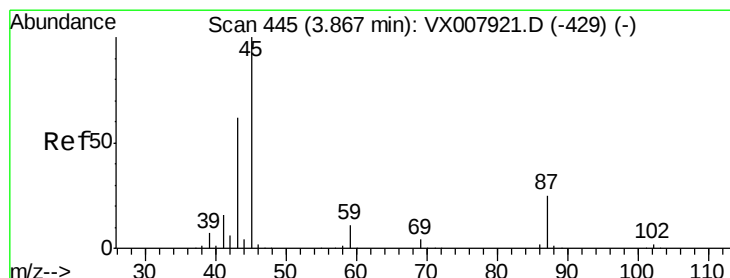
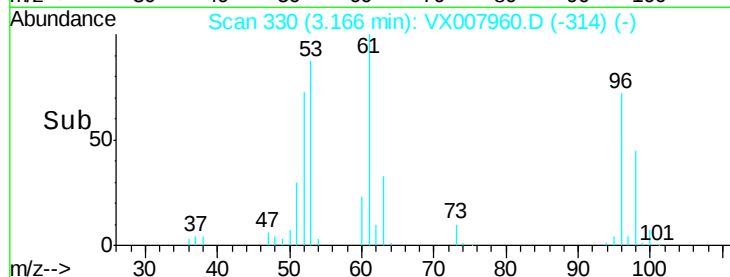
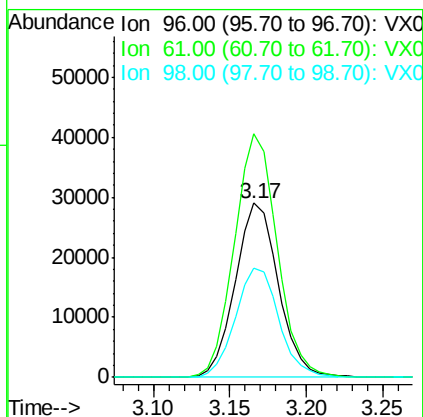
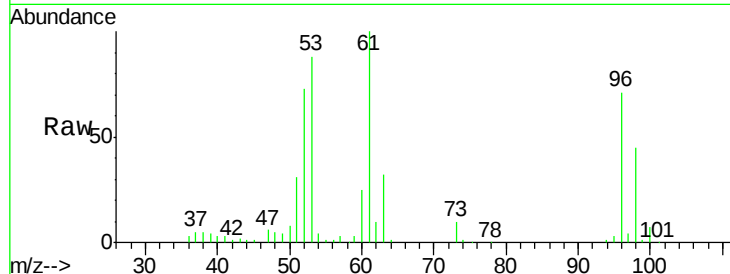




#19
trans-1,2-Dichloroethene
Concen: 19.589 ug/l
RT: 3.17 min Scan# 330
Delta R.T. 0.00 min
Lab File: VX007960.D
Acq: 11 Mar 2019 09:41

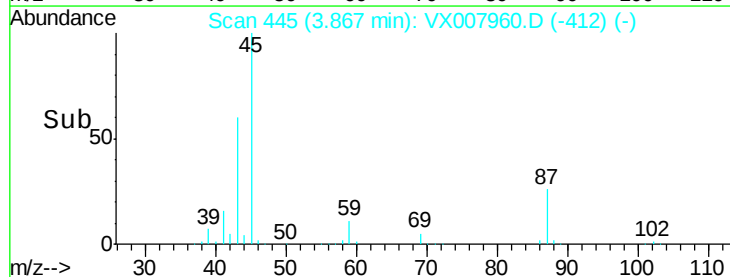
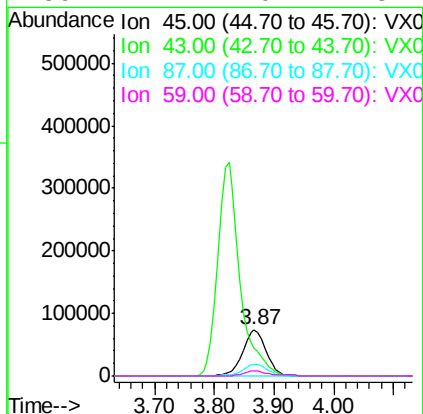
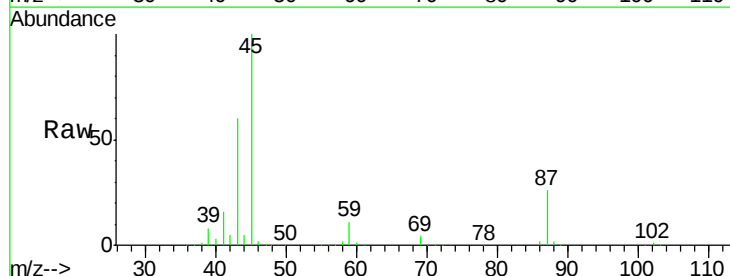
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

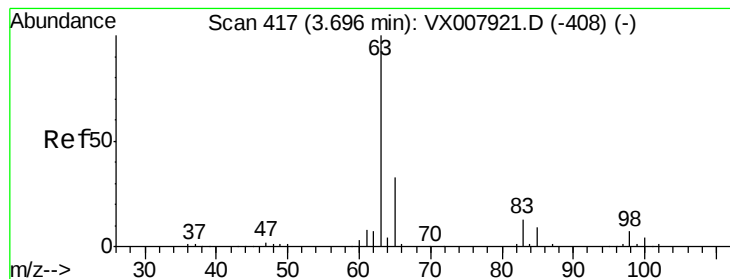
Tot Ion: 96 Resp: 56754
Ion Ratio Lower Upper
96 100
61 139.7 109.9 164.9
98 62.5 50.4 75.6



#20
Diisopropyl ether
Concen: 19.704 ug/l
RT: 3.87 min Scan# 445
Delta R.T. 0.00 min
Lab File: VX007960.D
Acq: 11 Mar 2019 09:41

Tgt Ion: 45 Resp: 202363
Ion Ratio Lower Upper
45 100
43 60.2 50.6 76.0
87 26.3 24.5 36.7
59 11.2 10.2 15.2





#21

1,1-Dichloroethane

Concen: 18.974 ug/l

RT: 3.70 min Scan# 417

Delta R.T. 0.00 min

Lab File: VX007960.D

Acq: 11 Mar 2019 09:41

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

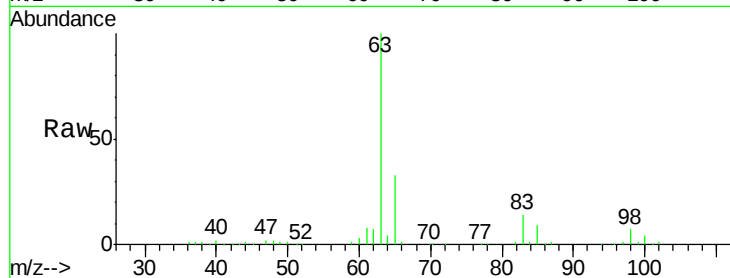
Tot Ion: 63 Resp: 105981

Ion Ratio Lower Upper

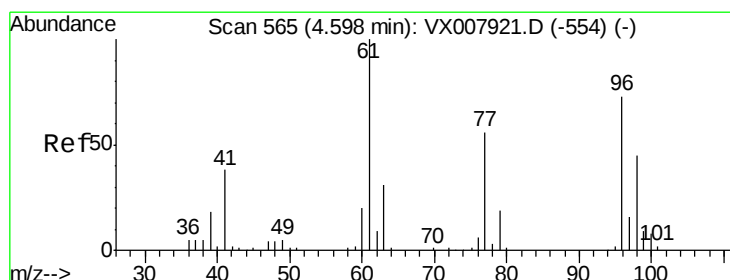
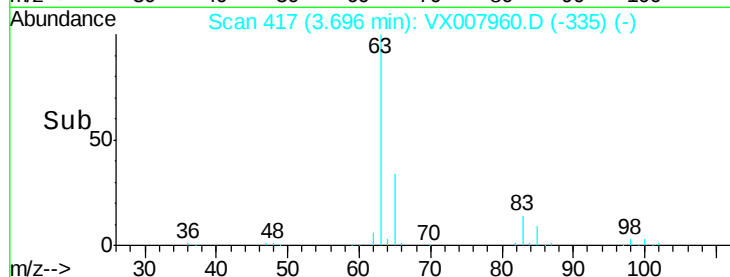
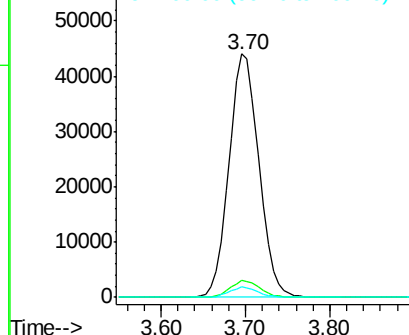
63 100

98 7.0 3.8 11.4

100 4.5 2.4 7.1



Abundance Ion 63.00 (62.70 to 63.70): VX0
Ion 98.00 (97.70 to 98.70): VX0
Ion 100.00 (99.70 to 100.70): VX0



#22

cis-1,2-Dichloroethene

Concen: 18.910 ug/l

RT: 4.60 min Scan# 565

Delta R.T. 0.00 min

Lab File: VX007960.D

Acq: 11 Mar 2019 09:41

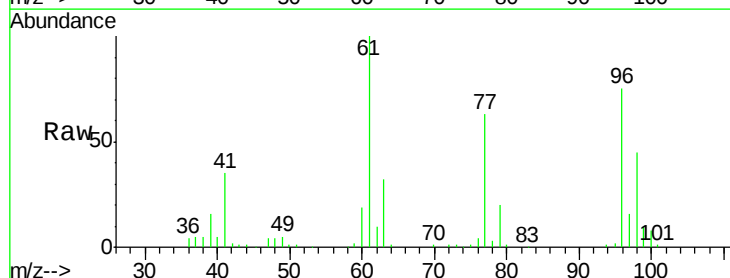
Tgt Ion: 96 Resp: 63199

Ion Ratio Lower Upper

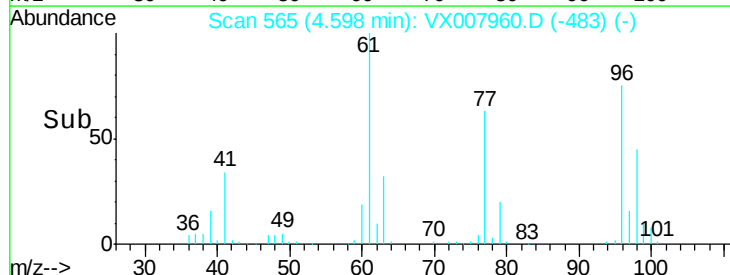
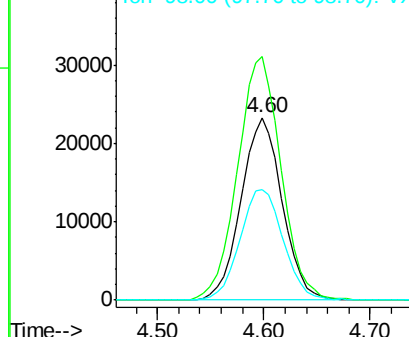
96 100

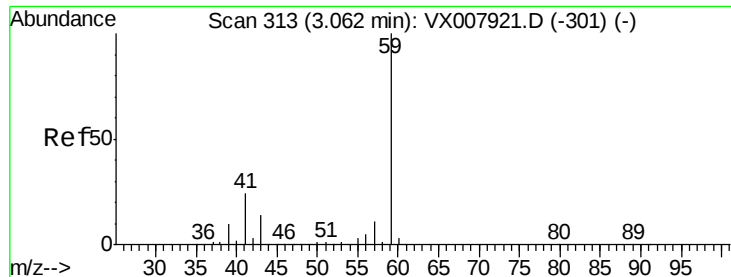
61 140.8 103.5 155.3

98 63.9 52.1 78.1



Abundance Ion 96.00 (95.70 to 96.70): VX0
Ion 61.00 (60.70 to 61.70): VX0
Ion 98.00 (97.70 to 98.70): VX0



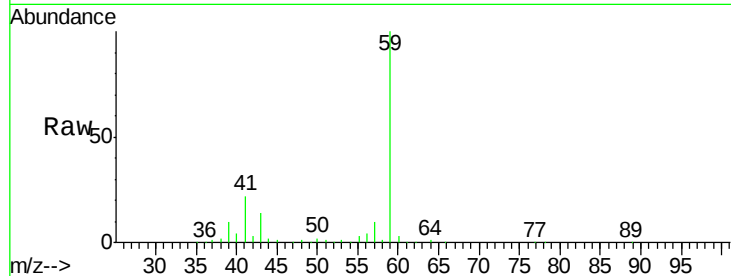


#23

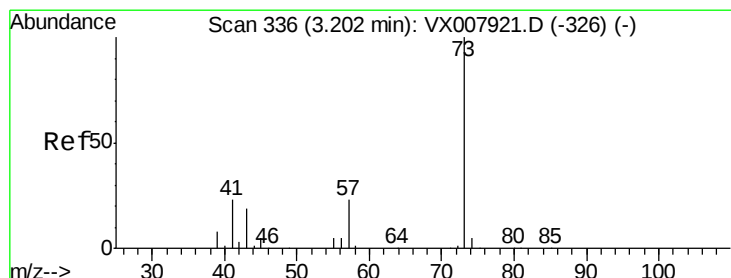
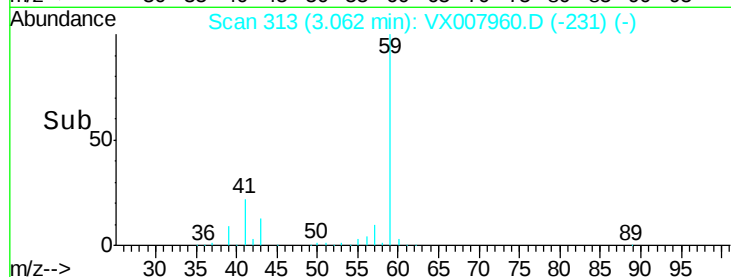
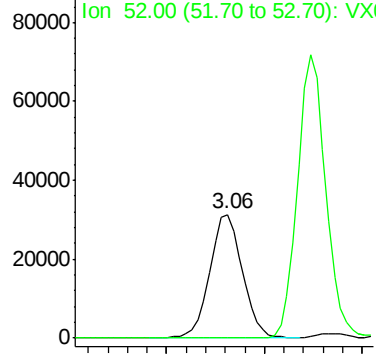
tert-Butyl Alcohol
 Concen: 98.664 ug/l
 RT: 3.06 min Scan# 313
 Delta R.T. 0.00 min
 Lab File: VX007960.D
 Acq: 11 Mar 2019 09:41

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020

Tot Ion: 59 Resp: 73175
 Ion Ratio Lower Upper
 59 100
 52 0.2 0.2 0.2



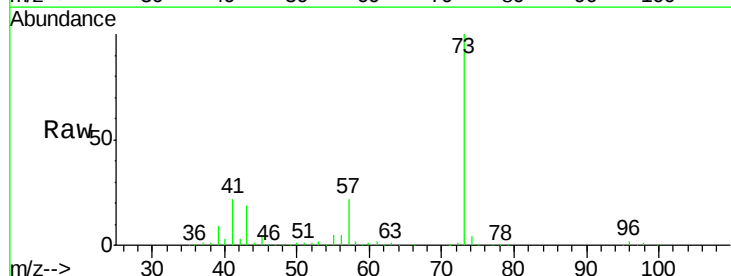
Abundance Ion 59.00 (58.70 to 59.70): VX0
 Ion 52.00 (51.70 to 52.70): VX0



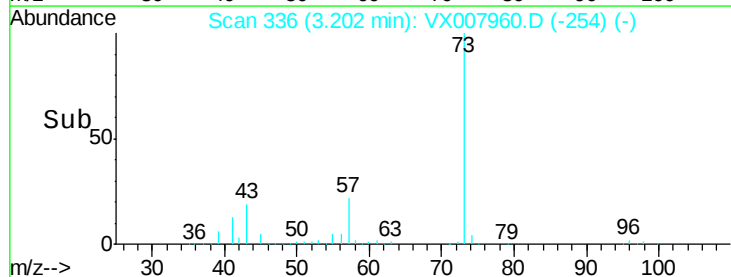
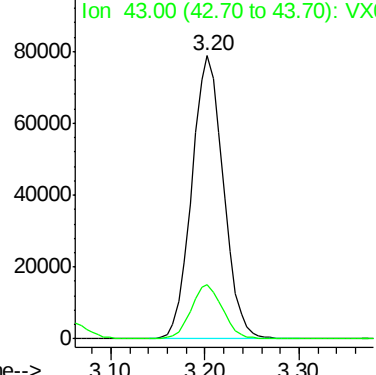
#24

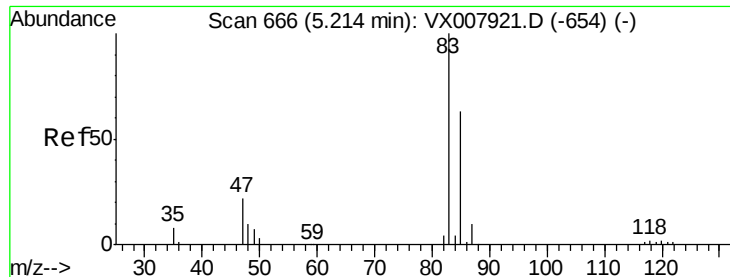
Methyl tert-Butyl Ether
 Concen: 19.538 ug/l
 RT: 3.20 min Scan# 336
 Delta R.T. 0.00 min
 Lab File: VX007960.D
 Acq: 11 Mar 2019 09:41

Tgt Ion: 73 Resp: 183946
 Ion Ratio Lower Upper
 73 100
 43 18.7 17.1 25.7



Abundance Ion 73.00 (72.70 to 73.70): VX0
 Ion 43.00 (42.70 to 43.70): VX0

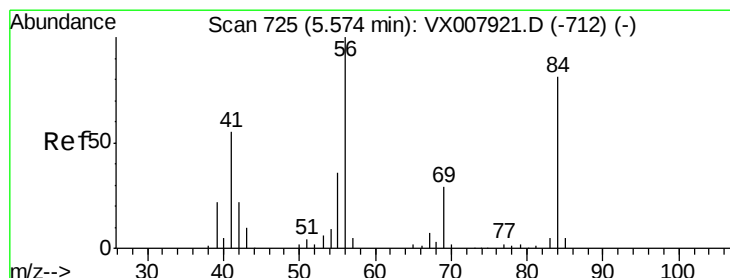
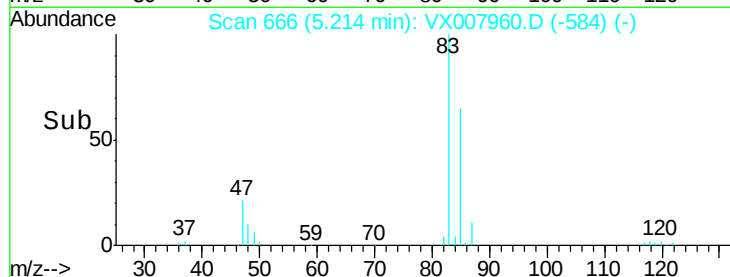
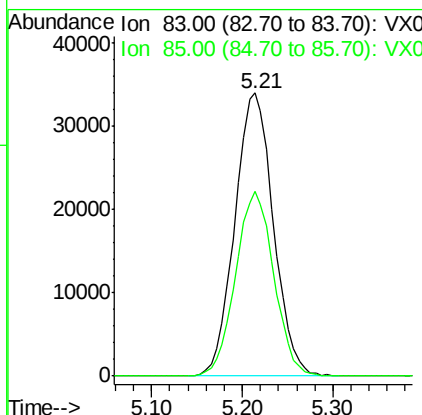
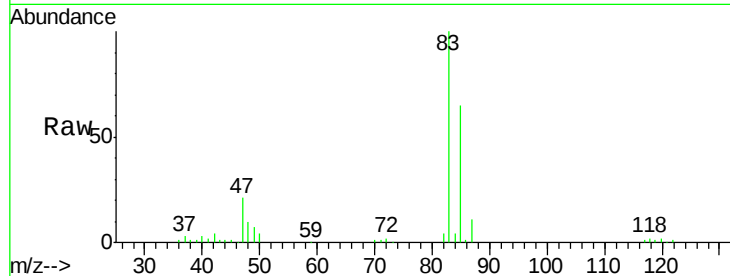




#25
Chloroform
Concen: 19.013 ug/l
RT: 5.21 min Scan# 666
Delta R.T. 0.00 min
Lab File: VX007960.D
Acq: 11 Mar 2019 09:41

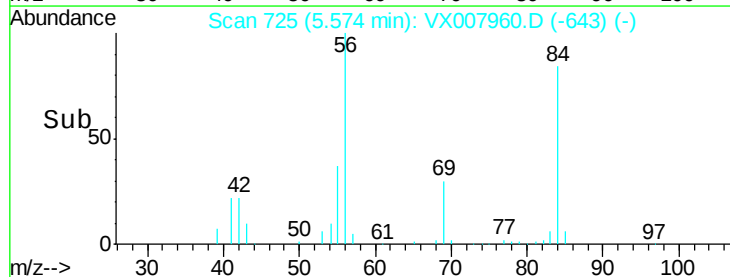
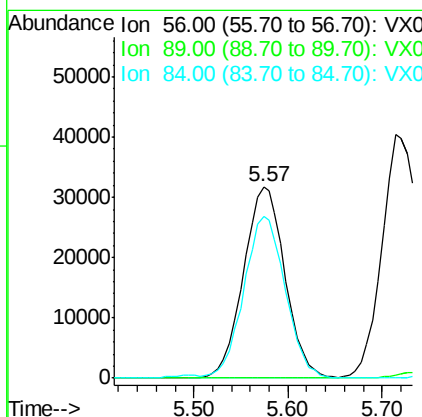
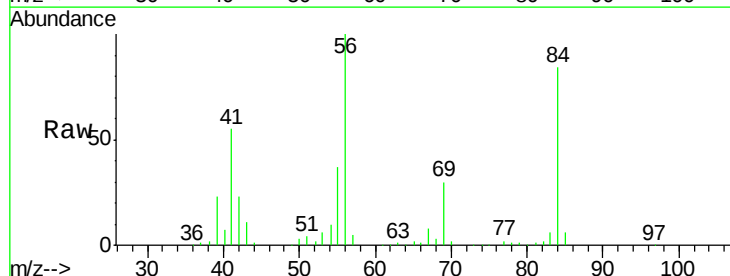
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

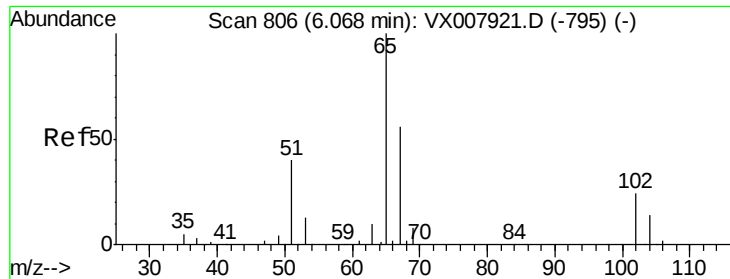
Tot Ion: 83 Resp: 100239
Ion Ratio Lower Upper
83 100
85 65.2 53.8 80.6



#26
Cyclohexane
Concen: 18.942 ug/l
RT: 5.57 min Scan# 725
Delta R.T. 0.00 min
Lab File: VX007960.D
Acq: 11 Mar 2019 09:41

Tgt Ion: 56 Resp: 97770
Ion Ratio Lower Upper
56 100
89 0.0 0.0 0.0
84 84.7 73.9 110.9

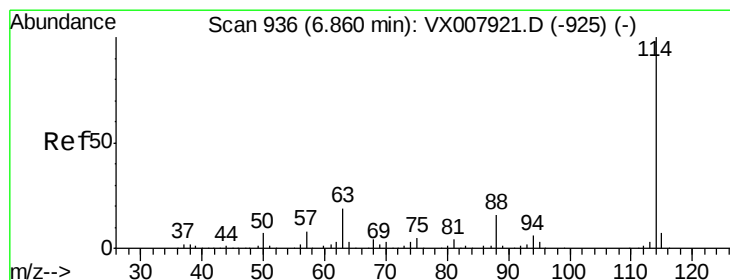
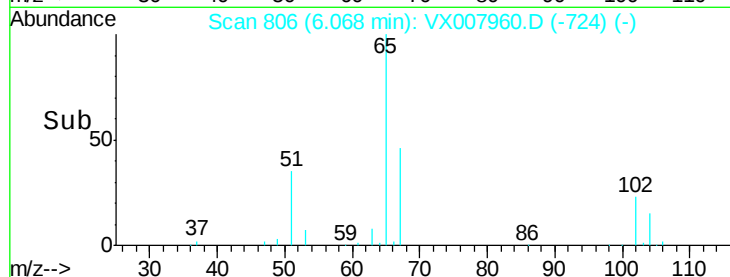
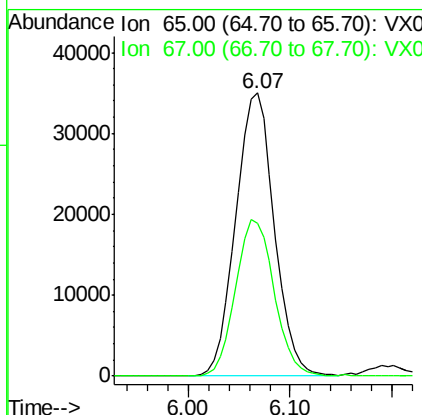
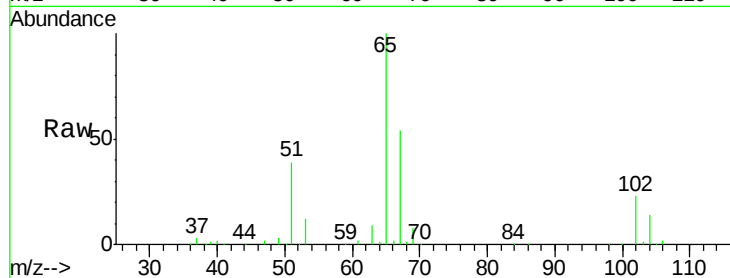




#27
 1,2-Dichloroethane-d4
 Concen: 29.693 ug/l
 RT: 6.07 min Scan# 806
 Delta R.T. 0.00 min
 Lab File: VX007960.D
 Acq: 11 Mar 2019 09:41

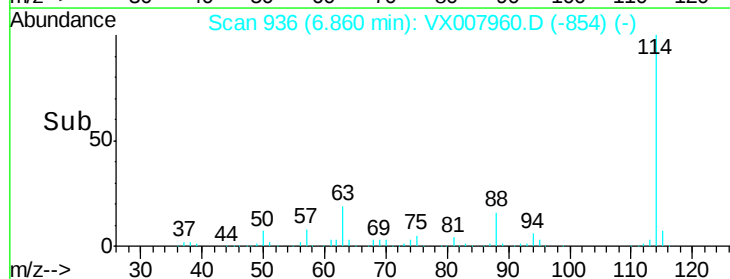
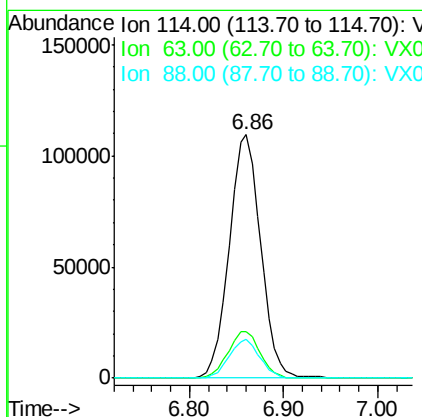
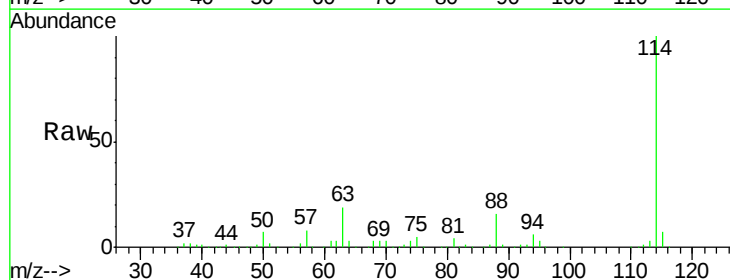
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020

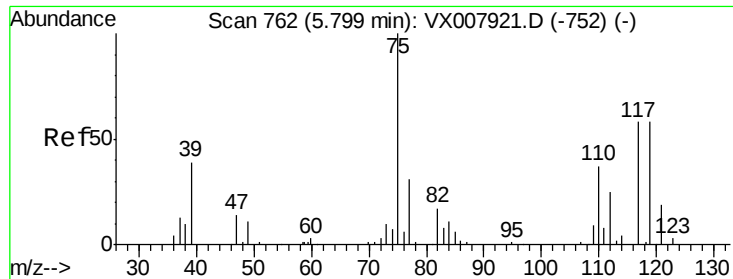
Tot Ion: 65 Resp: 92102
 Ion Ratio Lower Upper
 65 100
 67 55.5 42.9 64.3



#28
 1,4-Difluorobenzene
 Concen: 30.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. 0.00 min
 Lab File: VX007960.D
 Acq: 11 Mar 2019 09:41

Tgt Ion: 114 Resp: 254334
 Ion Ratio Lower Upper
 114 100
 63 19.7 14.2 21.4
 88 15.5 11.9 17.9

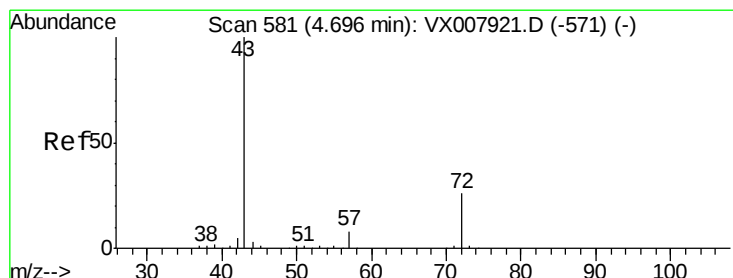
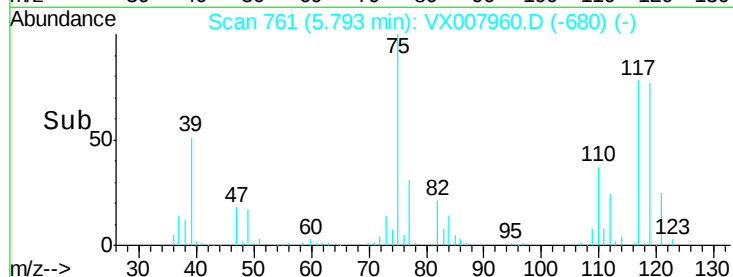
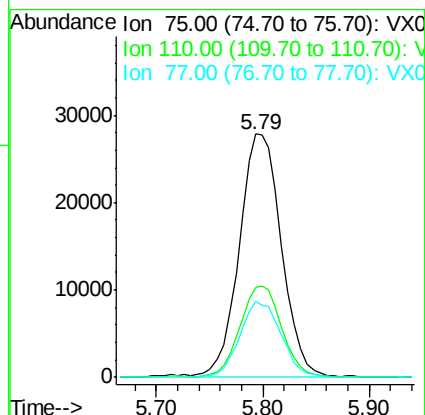
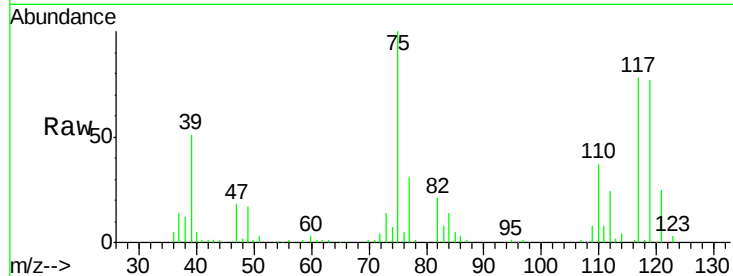




#29
 1,1-Dichloropropene
 Concen: 19.189 ug/l
 RT: 5.79 min Scan# 761
 Delta R.T. -0.01 min
 Lab File: VX007960.D
 Acq: 11 Mar 2019 09:41

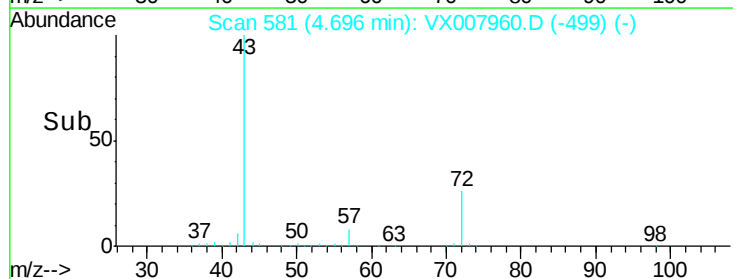
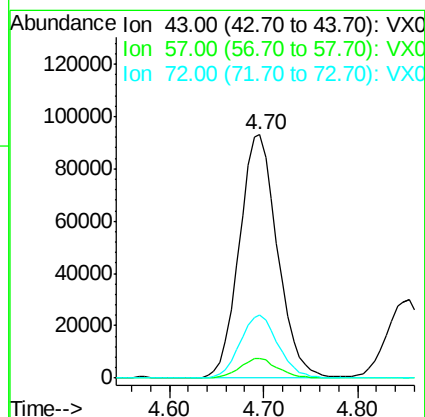
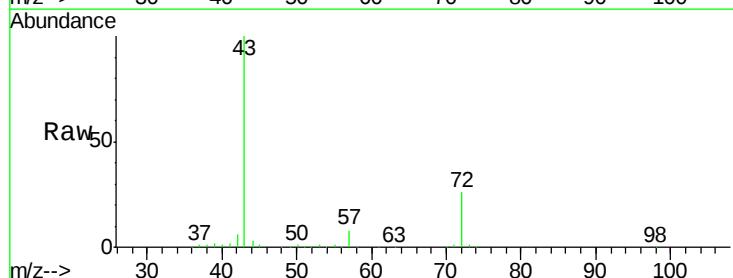
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020

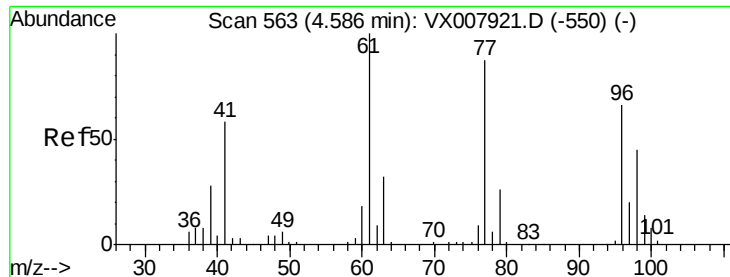
Tot Ion: 75 Resp: 77382
 Ion Ratio Lower Upper
 75 100
 110 37.4 0.0 80.8
 77 30.7 0.0 62.4



#30
 2-Butanone
 Concen: 96.602 ug/l
 RT: 4.70 min Scan# 581
 Delta R.T. 0.00 min
 Lab File: VX007960.D
 Acq: 11 Mar 2019 09:41

Tgt Ion: 43 Resp: 262747
 Ion Ratio Lower Upper
 43 100
 57 8.0 7.0 10.6
 72 26.0 21.5 32.3

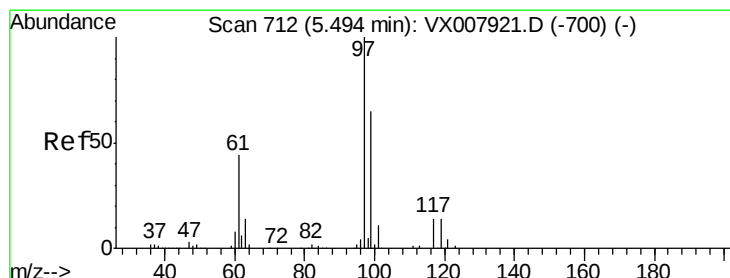
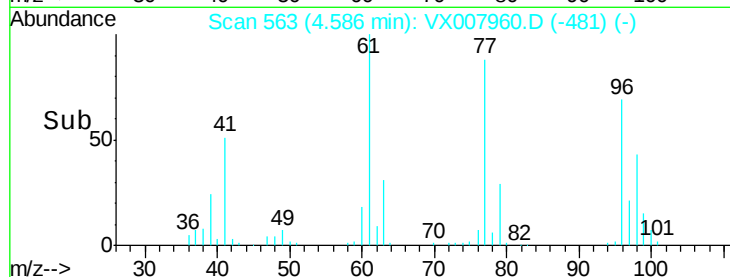
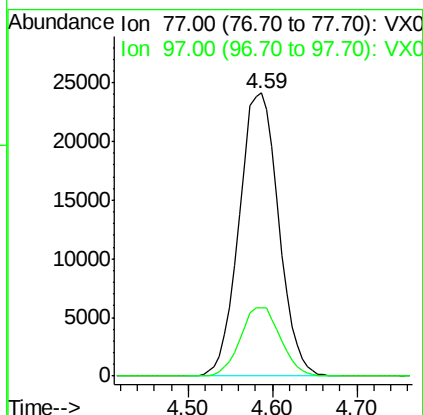
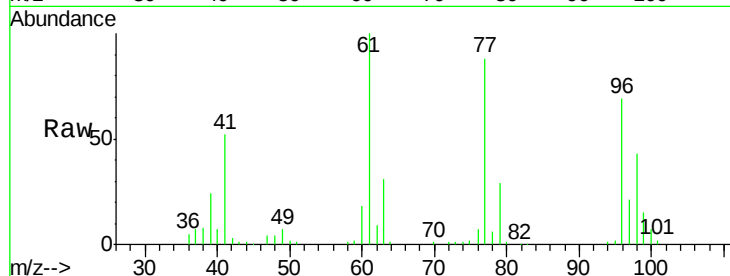




#31
 2,2-Dichloropropane
 Concen: 20.625 ug/l
 RT: 4.59 min Scan# 563
 Delta R.T. 0.00 min
 Lab File: VX007960.D
 Acq: 11 Mar 2019 09:41

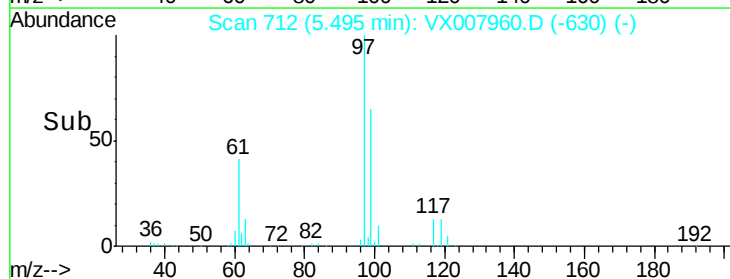
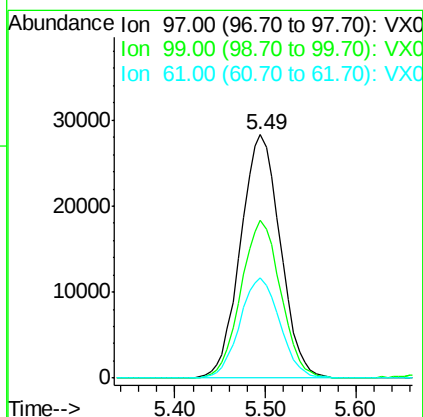
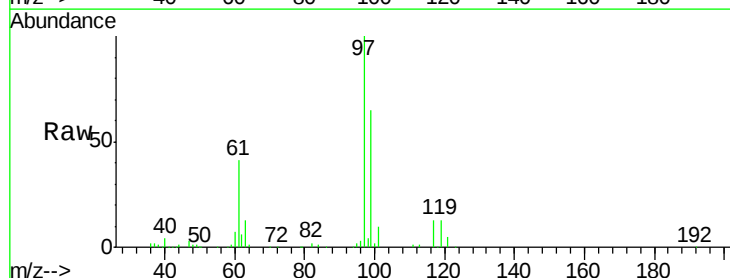
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020

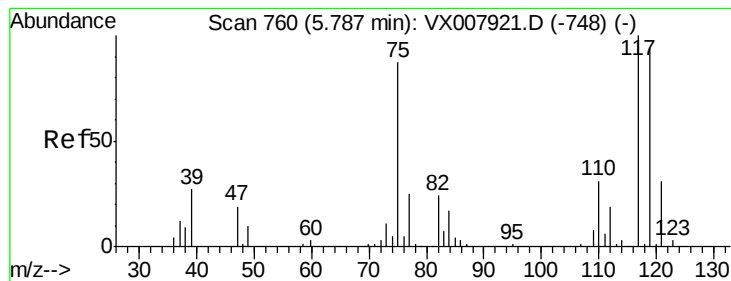
Tot Ion: 77 Resp: 76823
 Ion Ratio Lower Upper
 77 100
 97 24.7 20.6 31.0



#32
 1,1,1-Trichloroethane
 Concen: 19.734 ug/l
 RT: 5.49 min Scan# 712
 Delta R.T. 0.00 min
 Lab File: VX007960.D
 Acq: 11 Mar 2019 09:41

Tgt Ion: 97 Resp: 86052
 Ion Ratio Lower Upper
 97 100
 99 64.6 51.7 77.5
 61 41.7 32.8 49.2





#33

Carbon Tetrachloride

Concen: 19.831 ug/l

RT: 5.78 min Scan# 759

Delta R.T. -0.01 min

Lab File: VX007960.D

Acq: 11 Mar 2019 09:41

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

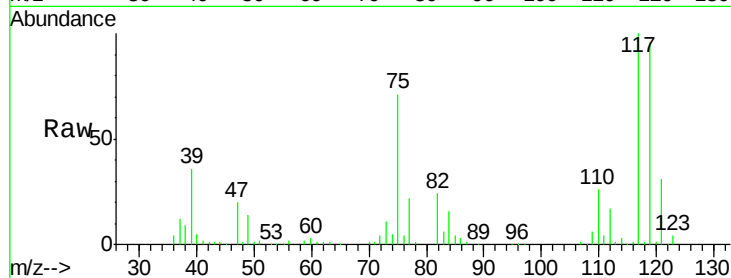
Tot Ion:117 Resp: 76705

Ion Ratio Lower Upper

117 100

119 95.7 78.1 117.1

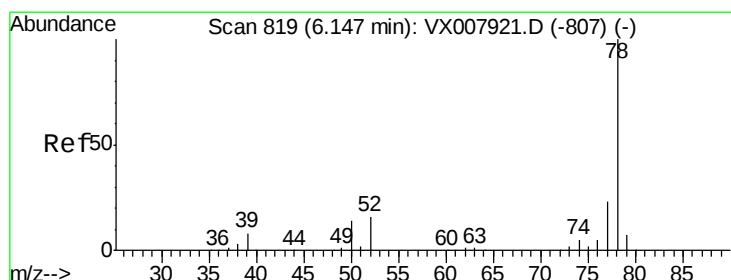
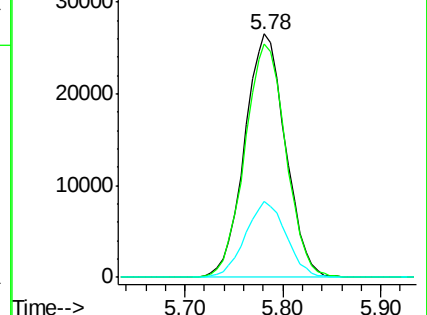
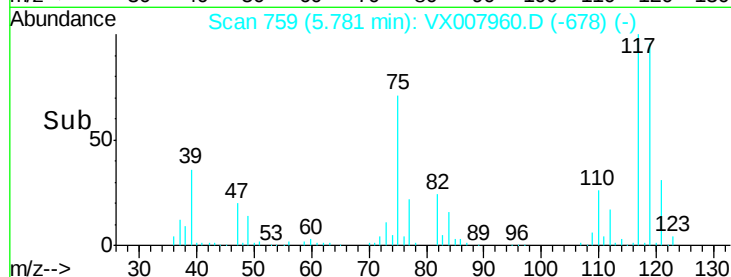
121 31.3 27.0 40.6



Abundance Ion 117.00 (116.70 to 117.70): V

Ion 119.00 (118.70 to 119.70): V

Ion 121.00 (120.70 to 121.70): V



#34

Benzene

Concen: 18.764 ug/l

RT: 6.14 min Scan# 818

Delta R.T. -0.01 min

Lab File: VX007960.D

Acq: 11 Mar 2019 09:41

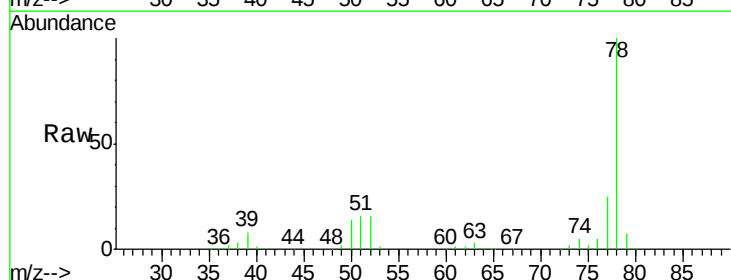
Tgt Ion: 78 Resp: 231894

Ion Ratio Lower Upper

78 100

77 24.6 19.1 28.7

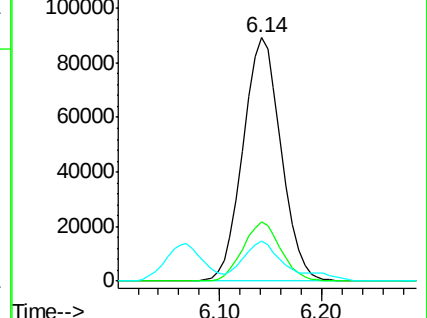
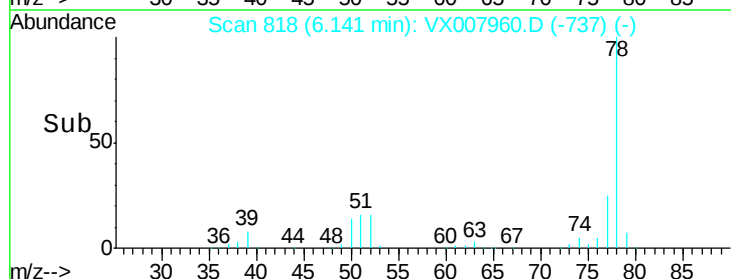
51 15.2 10.8 16.2

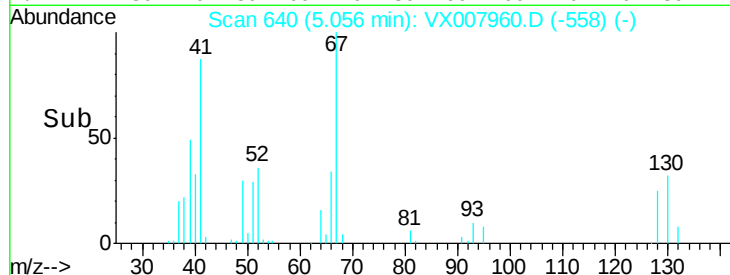
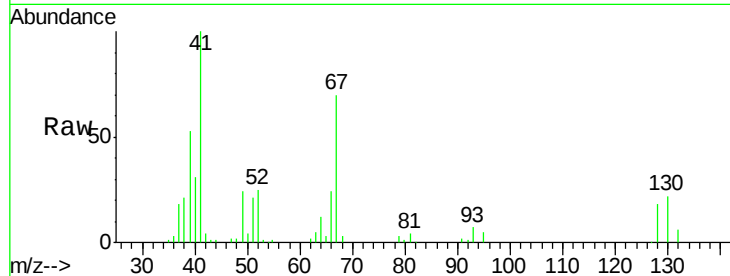
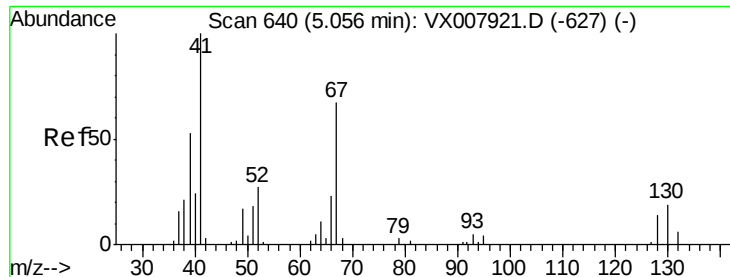


Abundance Ion 78.10 (77.80 to 78.80): VX0

Ion 77.00 (76.70 to 77.70): VX0

Ion 51.00 (50.70 to 51.70): VX0

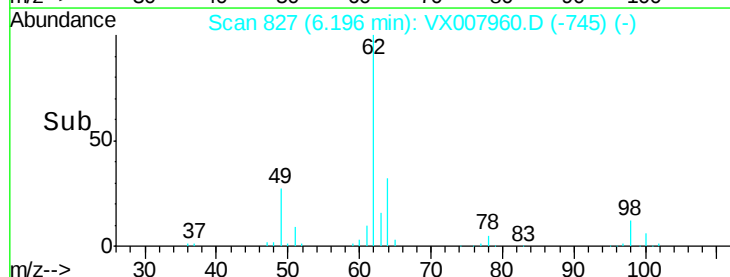
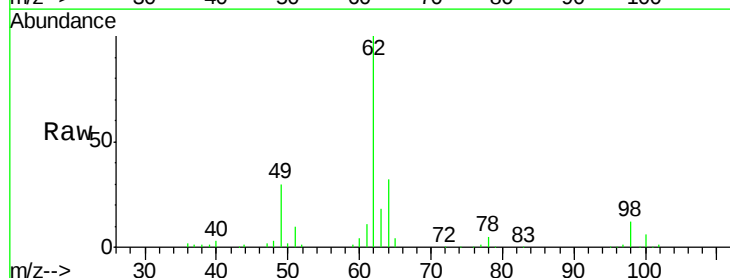
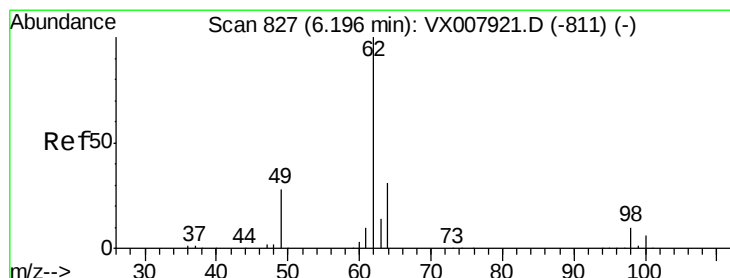
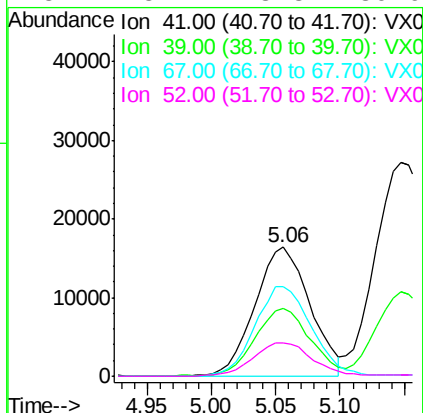




#35
Methacrylonitrile
Concen: 18.292 ug/l
RT: 5.06 min Scan# 640
Delta R.T. 0.00 min
Lab File: VX007960.D
Acq: 11 Mar 2019 09:41

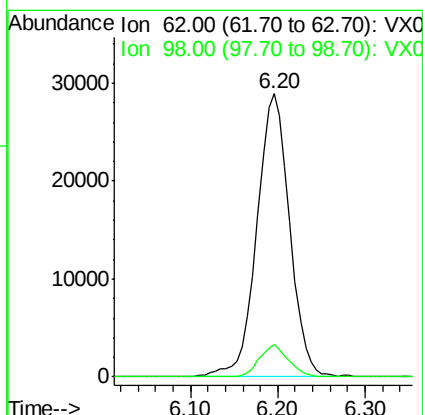
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

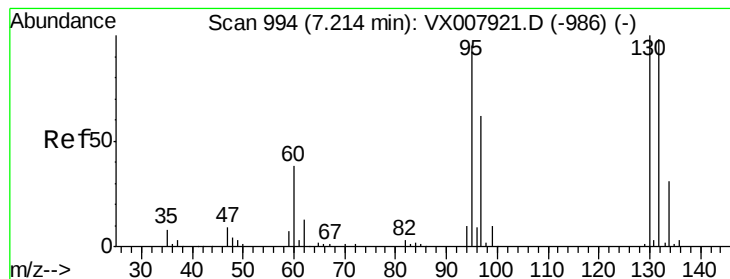
Tot Ion: 41 Resp: 48481
Ion Ratio Lower Upper
41 100
39 52.2 27.4 82.0
67 70.1 37.9 113.6
52 25.2 13.3 39.9



#36
1,2-Dichloroethane
Concen: 18.811 ug/l
RT: 6.20 min Scan# 827
Delta R.T. 0.00 min
Lab File: VX007960.D
Acq: 11 Mar 2019 09:41

Tgt Ion: 62 Resp: 75634
Ion Ratio Lower Upper
62 100
98 10.2 7.8 11.8





#37

Trichloroethene

Concen: 19.546 ug/l

RT: 7.21 min Scan# 994

Delta R.T. 0.00 min

Lab File: VX007960.D

Acq: 11 Mar 2019 09:41

Instrument :

MSVOA_X

ClientSampleId :

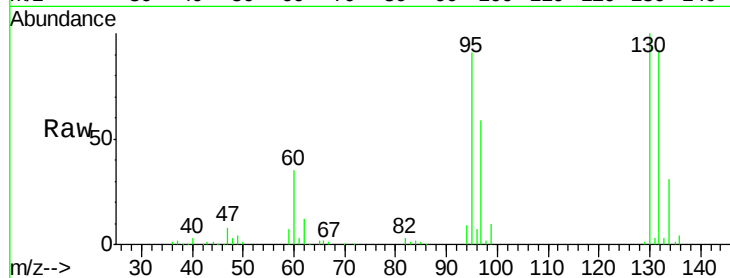
VSTDCCC020

Tot Ion:130 Resp: 65446

Ion Ratio Lower Upper

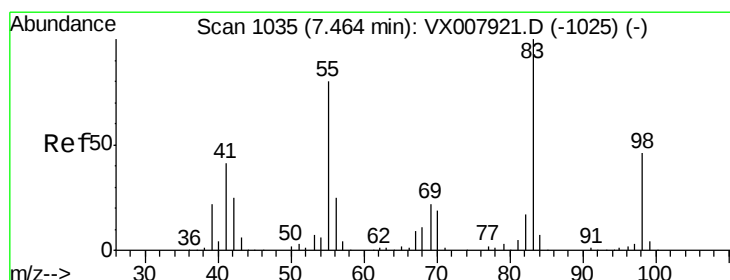
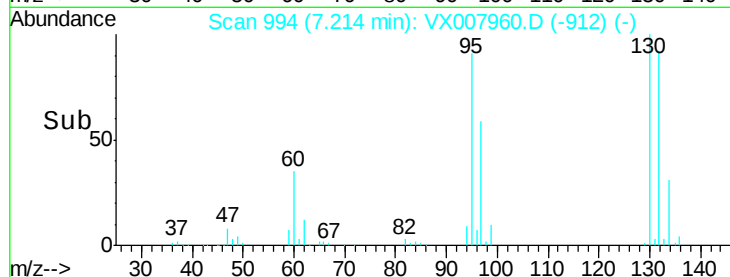
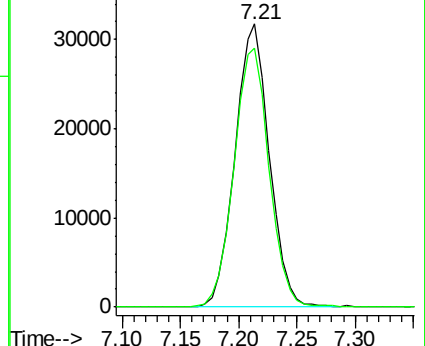
130 100

95 91.3 71.3 106.9



Abundance Ion 129.90 (129.60 to 130.60): V

Ion 94.90 (94.60 to 95.60): VX0



#38

Methylcyclohexane

Concen: 19.375 ug/l

RT: 7.46 min Scan# 1034

Delta R.T. -0.01 min

Lab File: VX007960.D

Acq: 11 Mar 2019 09:41

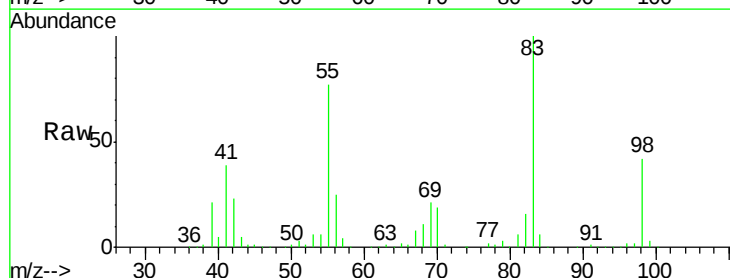
Tgt Ion: 83 Resp: 99338

Ion Ratio Lower Upper

83 100

55 77.7 36.0 108.0

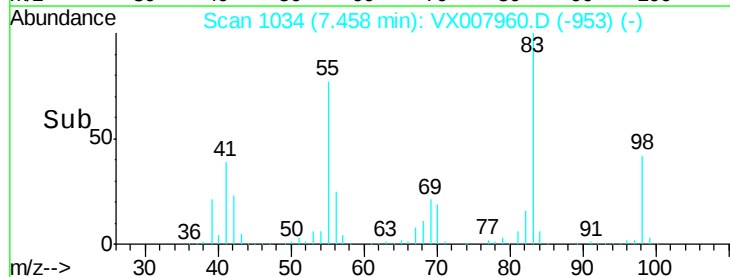
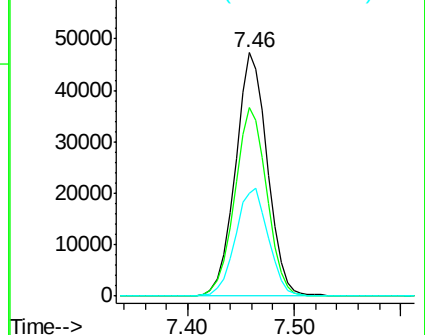
98 45.8 23.8 71.4

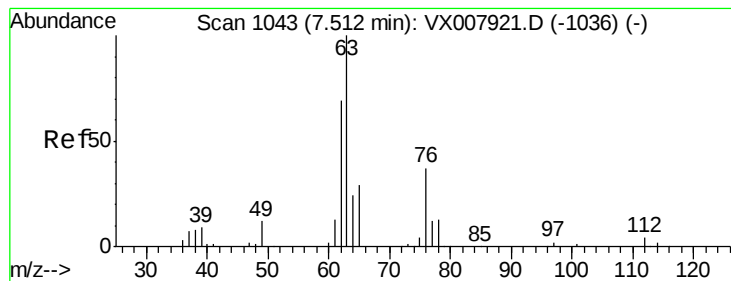


Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 98.00 (97.70 to 98.70): VX0





#39

1,2-Dichloropropane

Concen: 18.726 ug/l

RT: 7.51 min Scan# 1043

Delta R.T. 0.00 min

Lab File: VX007960.D

Acq: 11 Mar 2019 09:41

Instrument :

MSVOA_X

ClientSampleId :

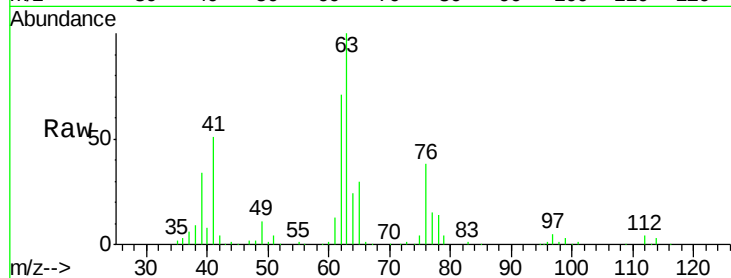
VSTDCCC020

Tot Ion: 63 Resp: 60354

Ion Ratio Lower Upper

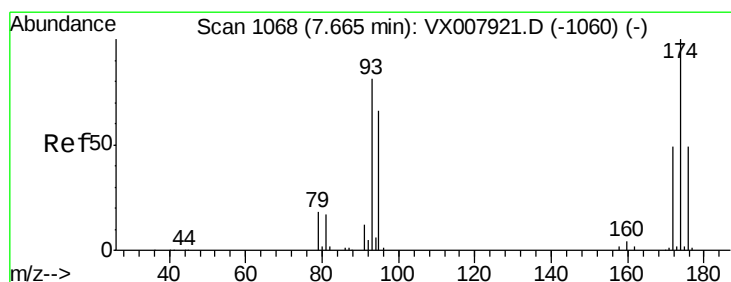
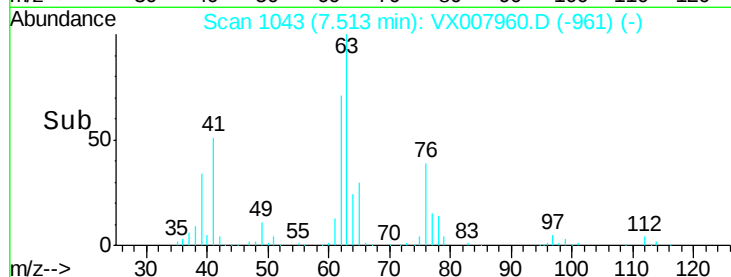
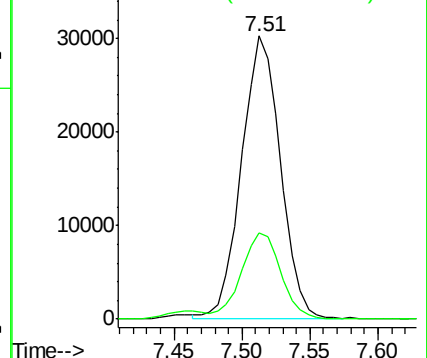
63 100

65 30.5 24.6 37.0



Abundance Ion 63.00 (62.70 to 63.70): VX0

Ion 65.00 (64.70 to 65.70): VX0



#40

Dibromomethane

Concen: 19.023 ug/l

RT: 7.66 min Scan# 1067

Delta R.T. -0.01 min

Lab File: VX007960.D

Acq: 11 Mar 2019 09:41

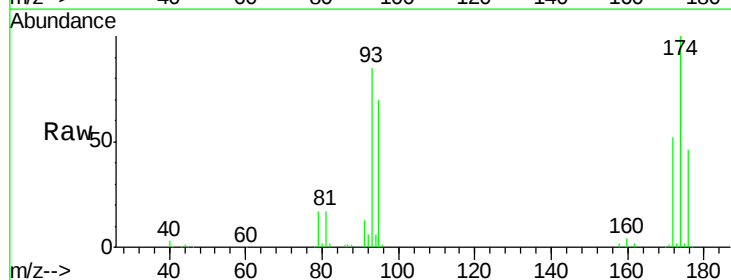
Tgt Ion: 93 Resp: 38889

Ion Ratio Lower Upper

93 100

95 83.9 0.0 158.8

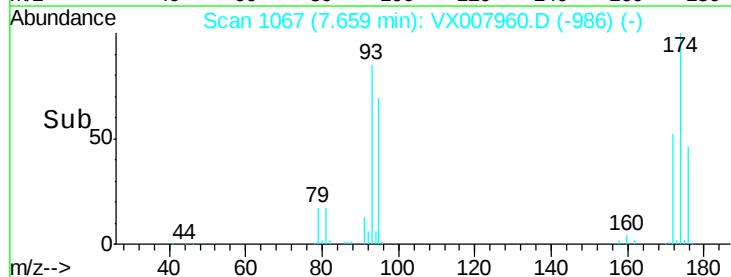
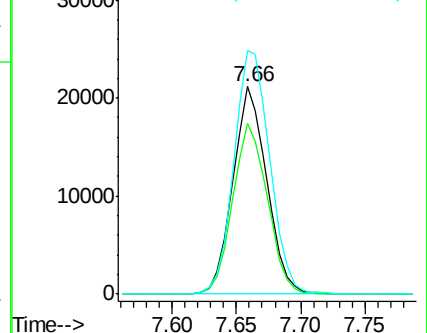
174 123.6 0.0 224.2

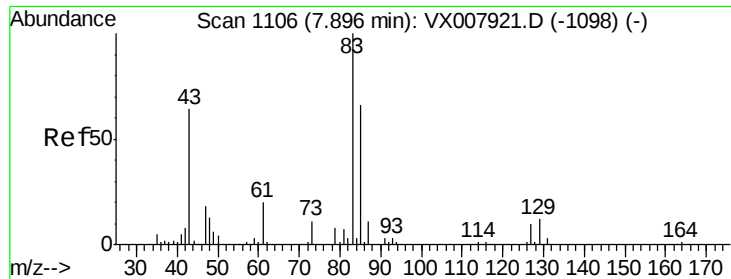


Abundance Ion 93.00 (92.70 to 93.70): VX0

Ion 95.00 (94.70 to 95.70): VX0

Ion 174.00 (173.70 to 174.70): V





#41

Bromodichloromethane

Concen: 18.992 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. 0.00 min

Lab File: VX007960.D

Acq: 11 Mar 2019 09:41

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

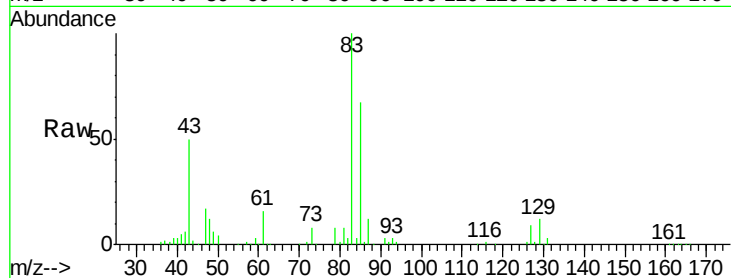
Tot Ion: 83 Resp: 73388

Ion Ratio Lower Upper

83 100

85 66.9 51.1 76.7

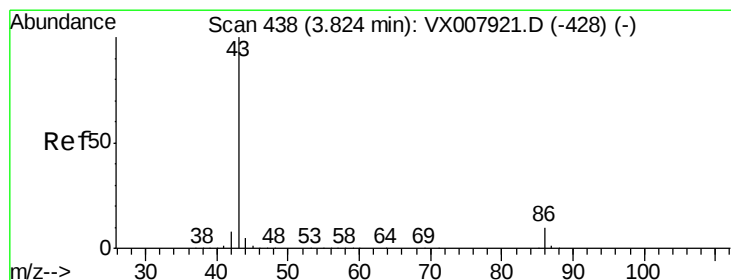
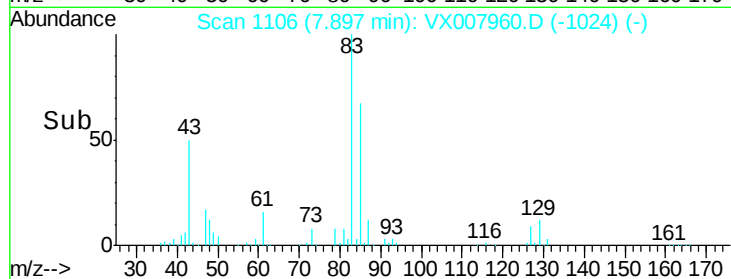
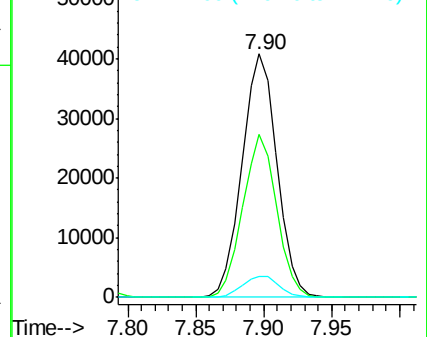
127 8.8 7.2 10.8



Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 85.00 (84.70 to 85.70): VX0

Ion 127.00 (126.70 to 127.70): V



#42

Vinyl Acetate

Concen: 100.531 ug/l

RT: 3.82 min Scan# 438

Delta R.T. 0.00 min

Lab File: VX007960.D

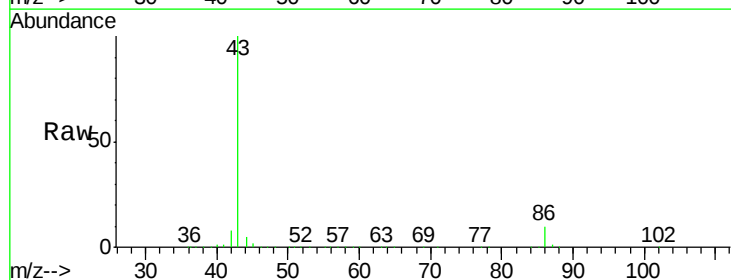
Acq: 11 Mar 2019 09:41

Tgt Ion: 43 Resp: 885110

Ion Ratio Lower Upper

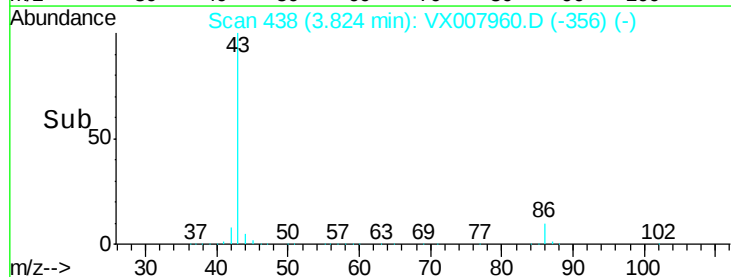
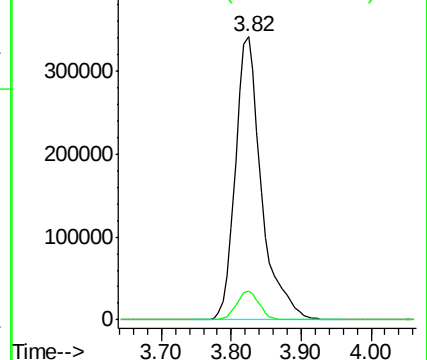
43 100

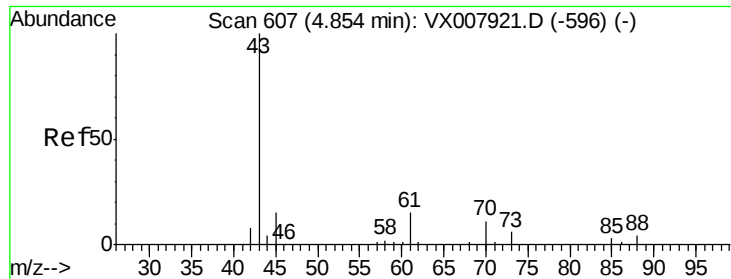
86 9.0 8.2 12.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0

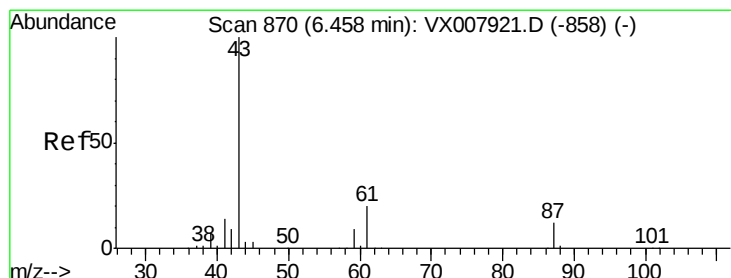
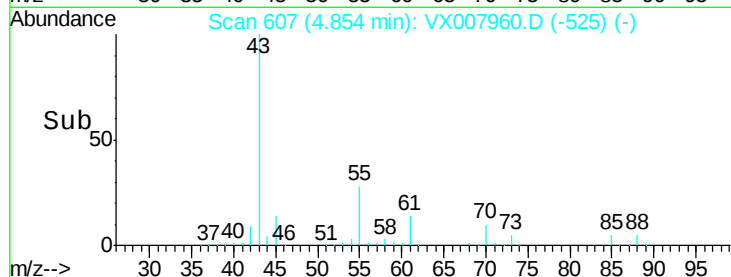
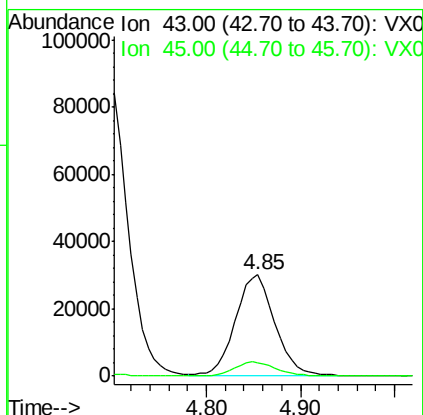
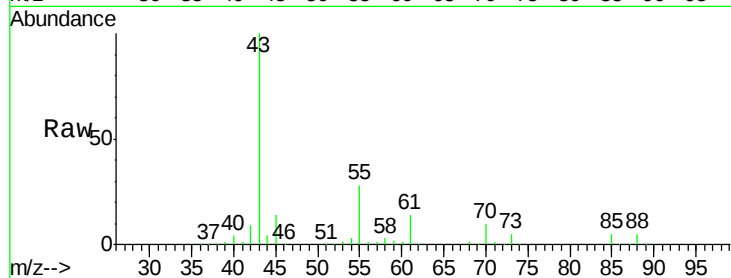




#43
Ethyl Acetate
Concen: 18.435 ug/l
RT: 4.85 min Scan# 607
Delta R.T. 0.00 min
Lab File: VX007960.D
Acq: 11 Mar 2019 09:41

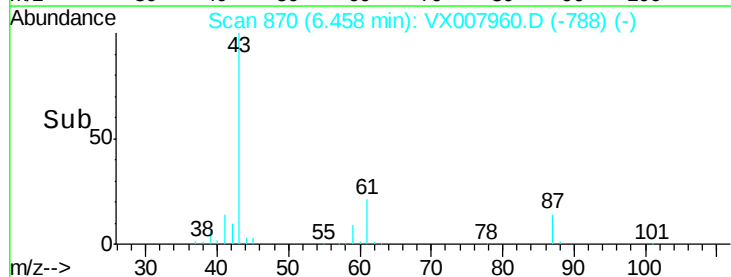
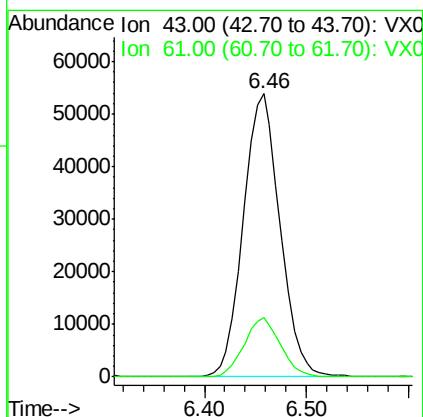
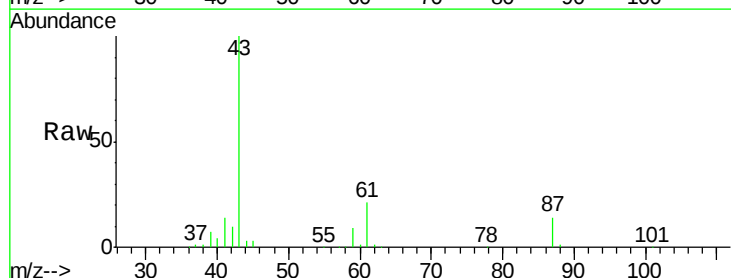
Instrument :
MSVOA_X
ClientSampleID :
VSTDCCC020

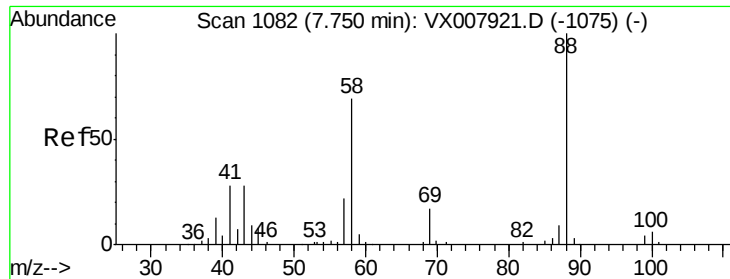
Tot Ion: 43 Resp: 87338
Ion Ratio Lower Upper
43 100
45 14.8 6.9 10.3#



#44
Isopropyl Acetate
Concen: 18.637 ug/l
RT: 6.46 min Scan# 870
Delta R.T. 0.00 min
Lab File: VX007960.D
Acq: 11 Mar 2019 09:41

Tgt Ion: 43 Resp: 134725
Ion Ratio Lower Upper
43 100
61 20.8 16.1 24.1





#45

1,4-Dioxane

Concen: 384.851 ug/l

RT: 7.74 min Scan# 1081

Delta R.T. -0.01 min

Lab File: VX007960.D

Acq: 11 Mar 2019 09:41

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

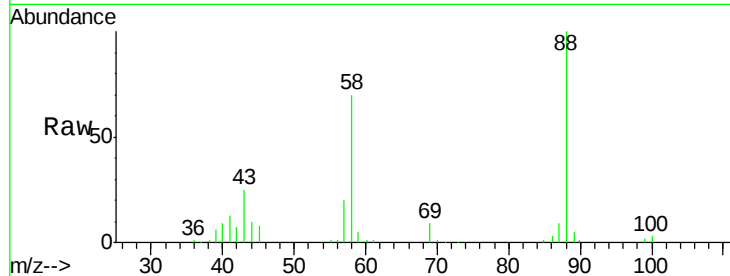
Tot Ion: 88 Resp: 29106

Ion Ratio Lower Upper

88 100

43 32.1 23.6 35.4

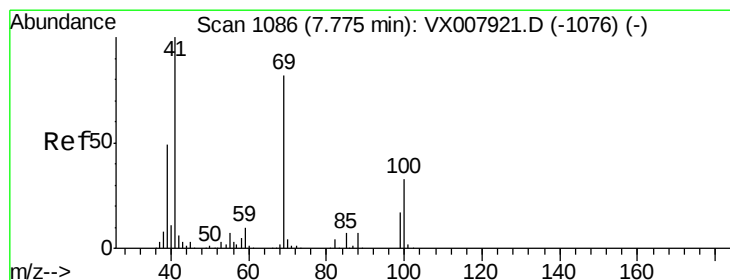
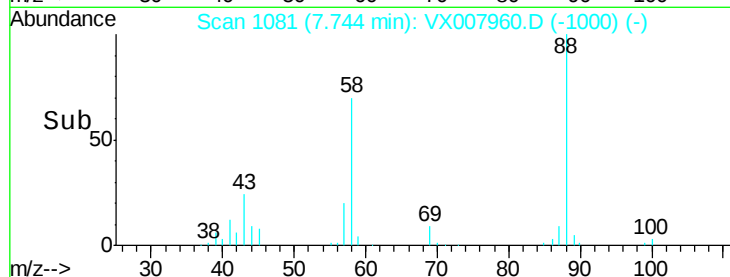
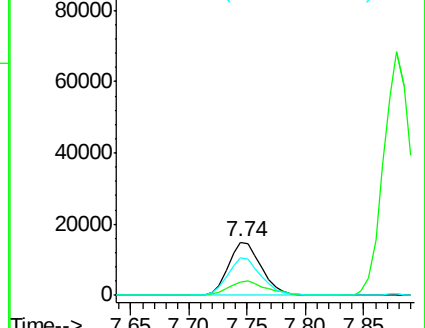
58 72.0 51.6 77.4



Abundance Ion 88.00 (87.70 to 88.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#46

Methyl methacrylate

Concen: 18.586 ug/l

RT: 7.77 min Scan# 1086

Delta R.T. 0.00 min

Lab File: VX007960.D

Acq: 11 Mar 2019 09:41

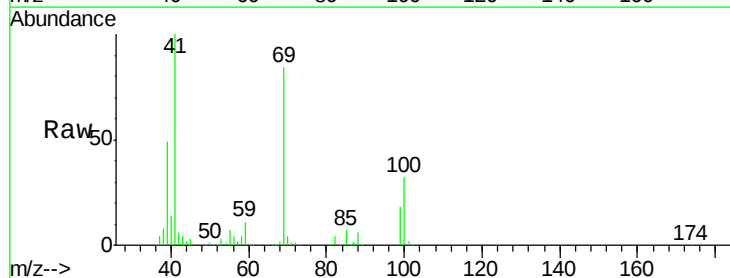
Tgt Ion: 41 Resp: 70660

Ion Ratio Lower Upper

41 100

69 84.2 44.2 132.6

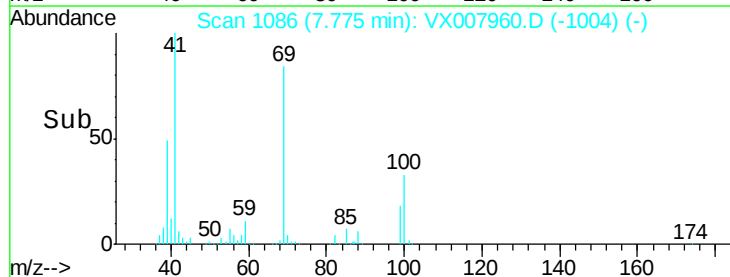
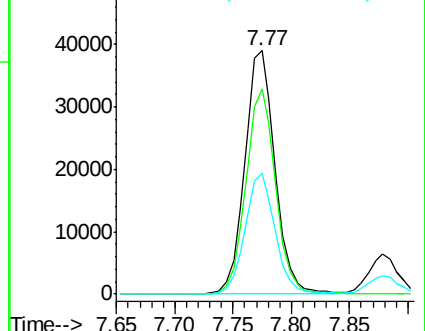
39 49.4 29.9 89.8

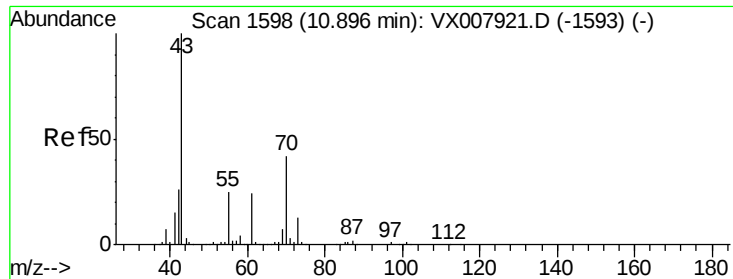


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#47

n-amvl Acetate

Concen: 18.170 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. 0.00 min

Lab File: VX007960.D

Acq: 11 Mar 2019 09:41

Instrument :

MSVOA_X

ClientSampleId :

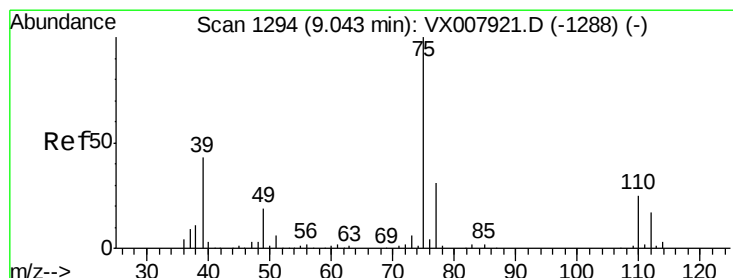
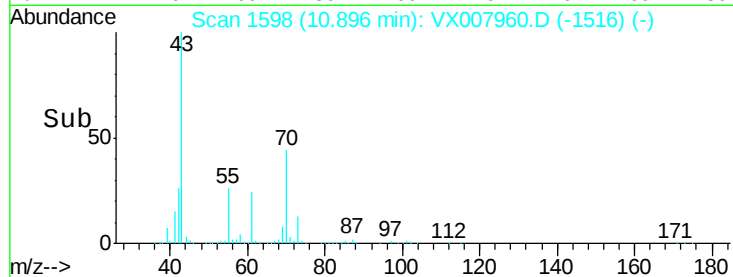
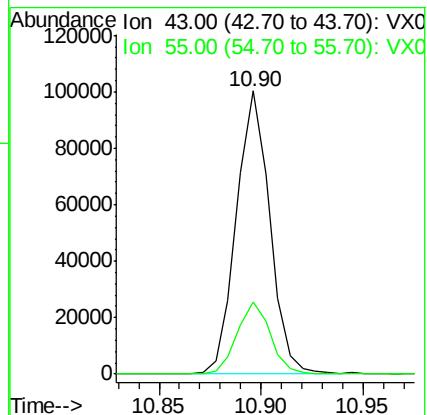
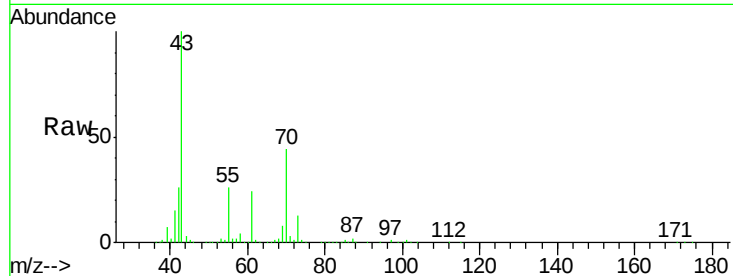
VSTDCCC020

Tot Ion: 43 Resp: 113173

Ion Ratio Lower Upper

43 100

55 25.6 20.8 31.2



#48

t-1,3-Dichloropropene

Concen: 19.144 ug/l

RT: 9.04 min Scan# 1293

Delta R.T. -0.01 min

Lab File: VX007960.D

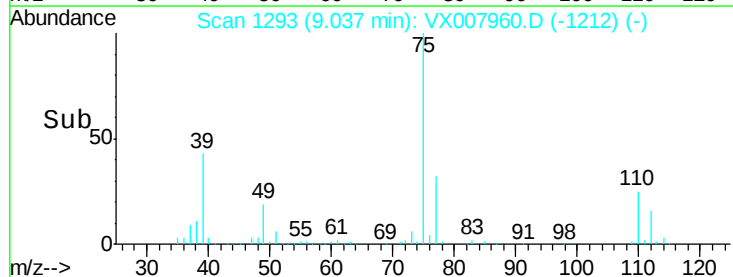
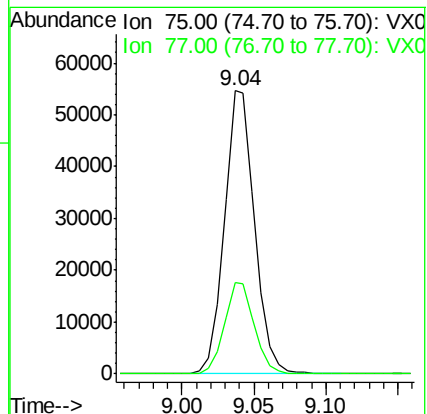
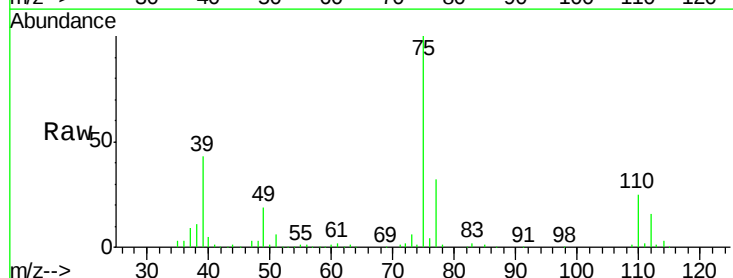
Acq: 11 Mar 2019 09:41

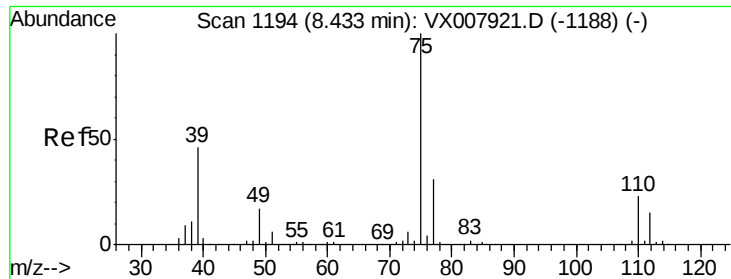
Tgt Ion: 75 Resp: 80121

Ion Ratio Lower Upper

75 100

77 32.3 24.5 36.7

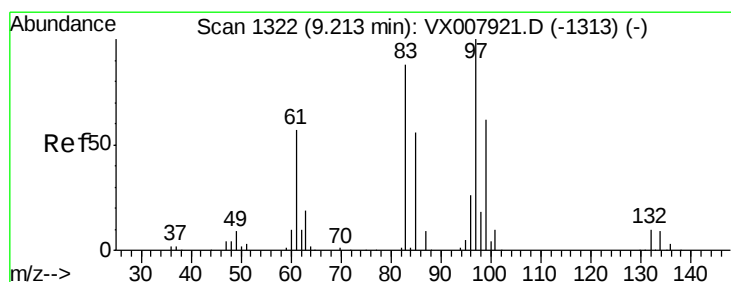
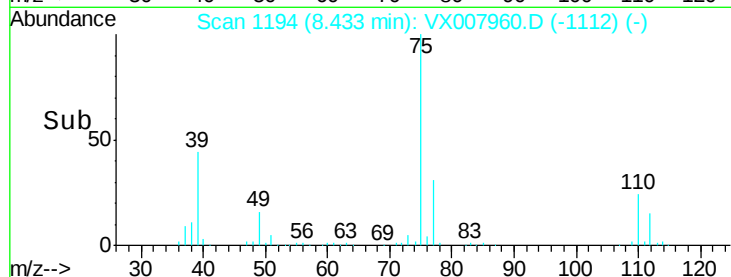
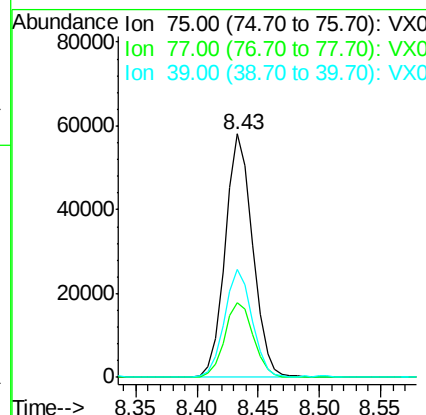
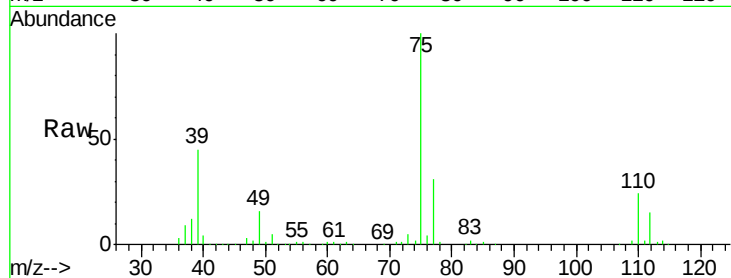




#49
 cis-1,3-Dichloropropene
 Concen: 19.111 ug/l
 RT: 8.43 min Scan# 1194
 Delta R.T. 0.00 min
 Lab File: VX007960.D
 Acq: 11 Mar 2019 09:41

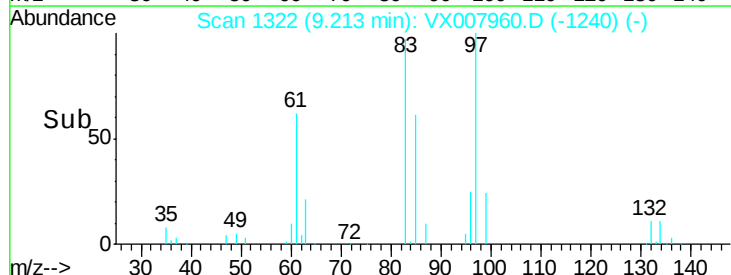
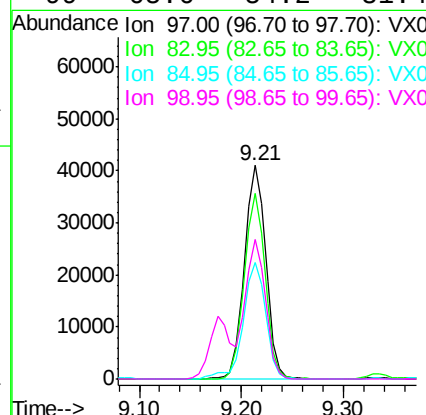
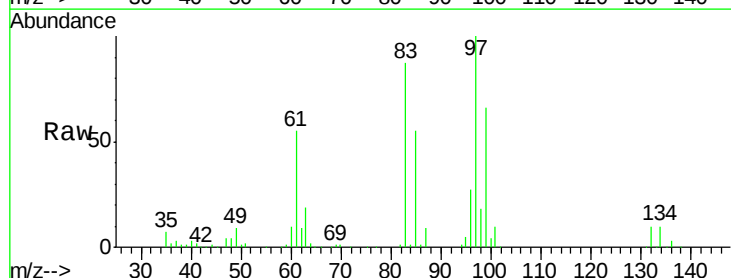
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020

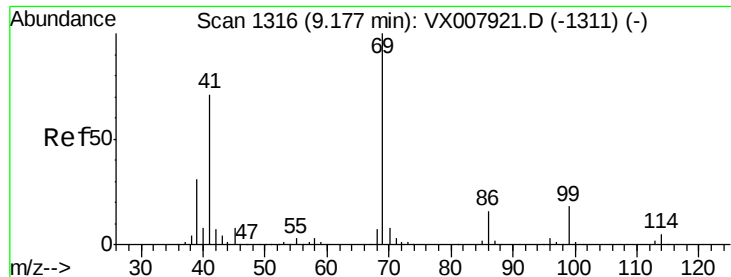
Tot Ion:	75	Resp:	90566
Ion	Ratio	Lower	Upper
75	100		
77	30.9	25.0	37.4
39	44.4	38.5	57.7



#50
 1,1,2-Trichloroethane
 Concen: 19.092 ug/l
 RT: 9.21 min Scan# 1322
 Delta R.T. 0.00 min
 Lab File: VX007960.D
 Acq: 11 Mar 2019 09:41

Tgt Ion:	97	Resp:	59494
Ion	Ratio	Lower	Upper
97	100		
83	86.9	72.0	108.0
85	54.7	45.0	67.6
99	65.6	54.2	81.4

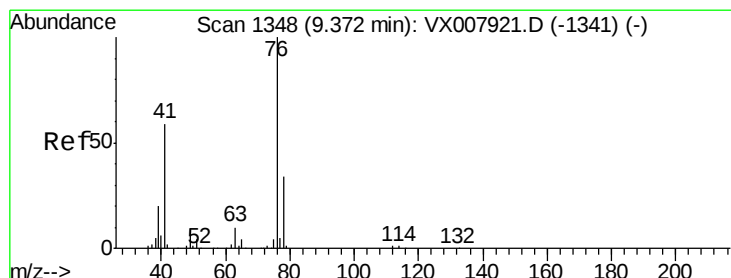
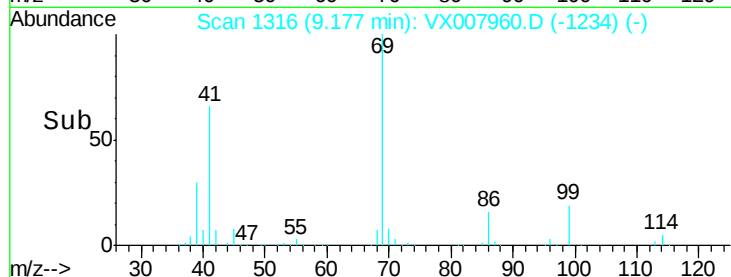
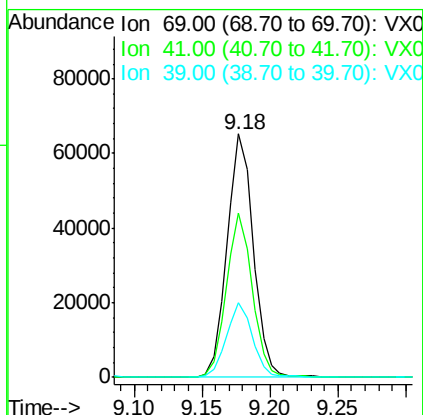
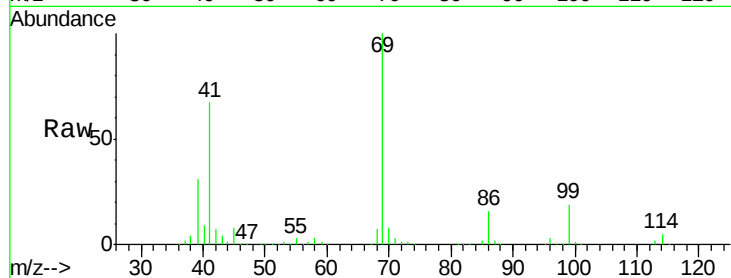




#51
Ethyl methacrylate
Concen: 18.617 ug/l
RT: 9.18 min Scan# 1316
Delta R.T. 0.00 min
Lab File: VX007960.D
Acq: 11 Mar 2019 09:41

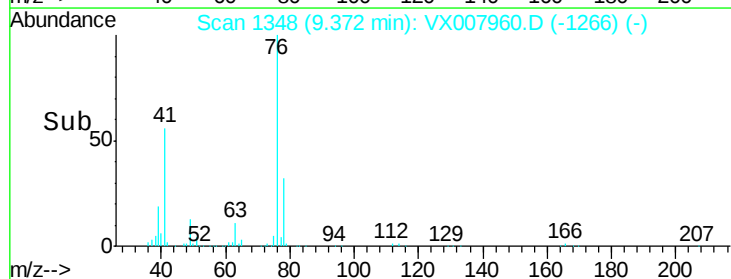
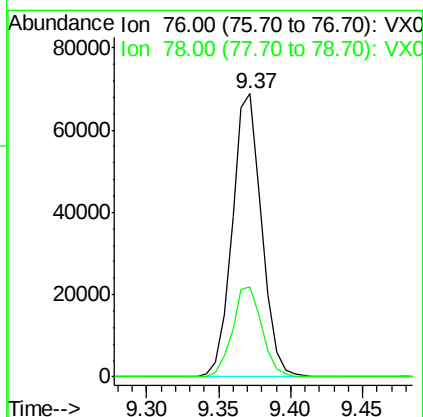
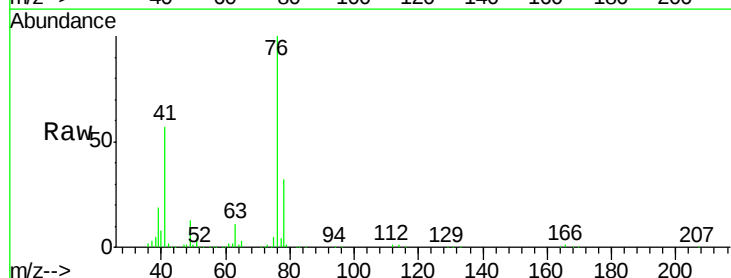
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

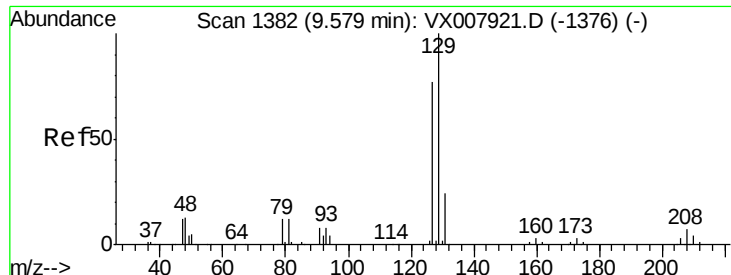
Tot Ion: 69 Resp: 87978
Ion Ratio Lower Upper
69 100
41 67.3 32.1 96.5
39 30.5 18.8 56.3



#52
1,3-Dichloropropane
Concen: 19.008 ug/l
RT: 9.37 min Scan# 1348
Delta R.T. 0.00 min
Lab File: VX007960.D
Acq: 11 Mar 2019 09:41

Tgt Ion: 76 Resp: 97871
Ion Ratio Lower Upper
76 100
78 32.1 0.0 65.2

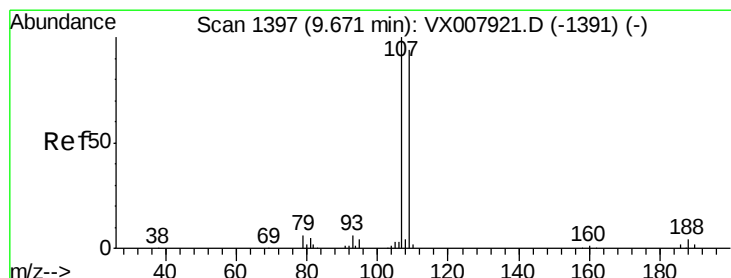
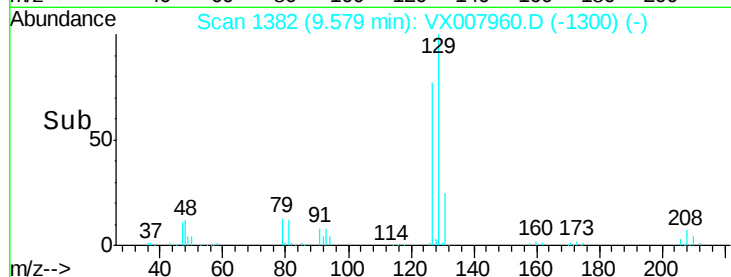
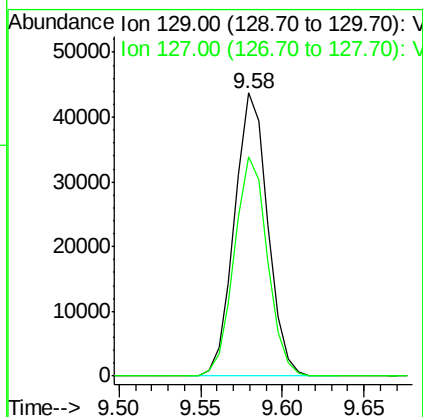
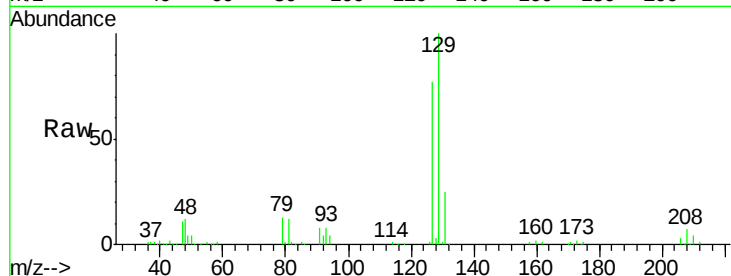




#53
 Dibromochloromethane
 Concen: 19.413 ug/l
 RT: 9.58 min Scan# 1382
 Delta R.T. 0.00 min
 Lab File: VX007960.D
 Acq: 11 Mar 2019 09:41

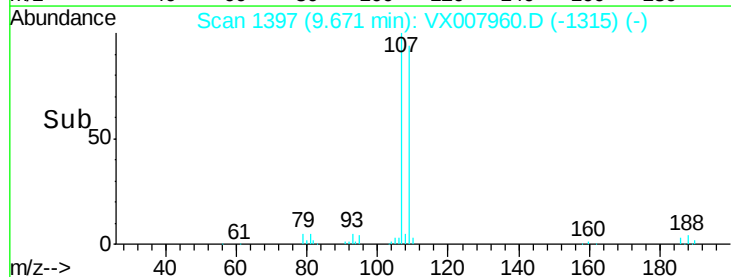
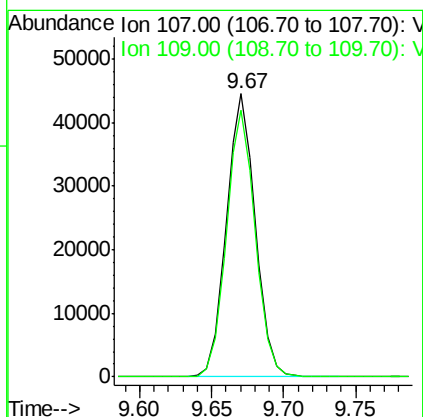
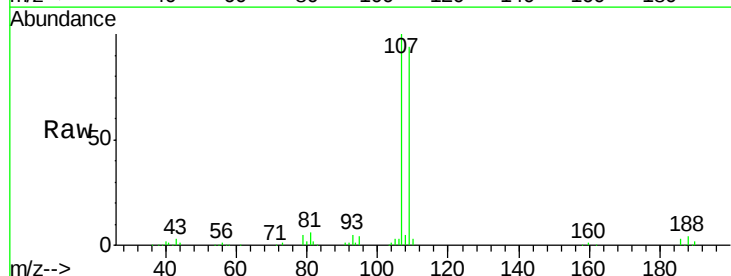
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020

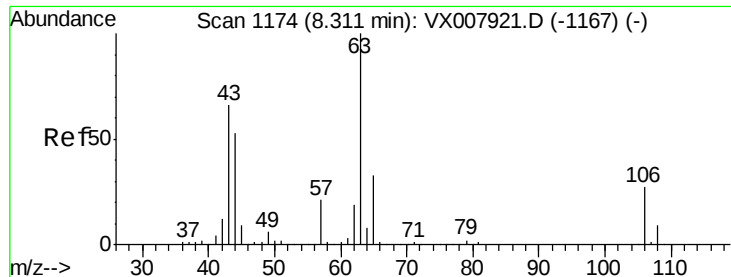
Tot Ion:129 Resp: 62225
 Ion Ratio Lower Upper
 129 100
 127 77.3 38.4 115.2



#54
 1,2-Dibromoethane
 Concen: 19.249 ug/l
 RT: 9.67 min Scan# 1397
 Delta R.T. 0.00 min
 Lab File: VX007960.D
 Acq: 11 Mar 2019 09:41

Tgt Ion:107 Resp: 62710
 Ion Ratio Lower Upper
 107 100
 109 93.9 76.6 115.0

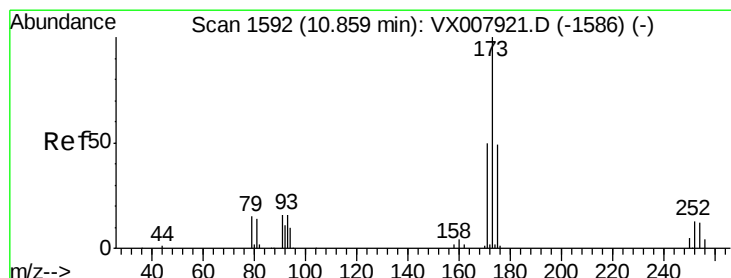
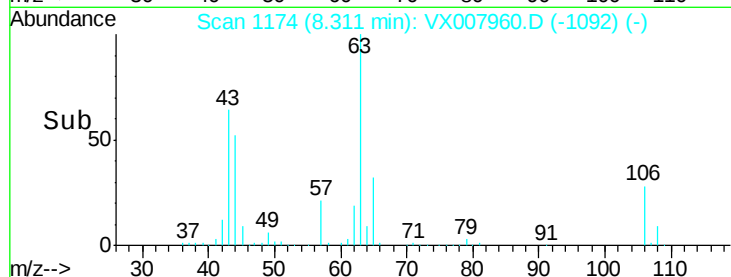
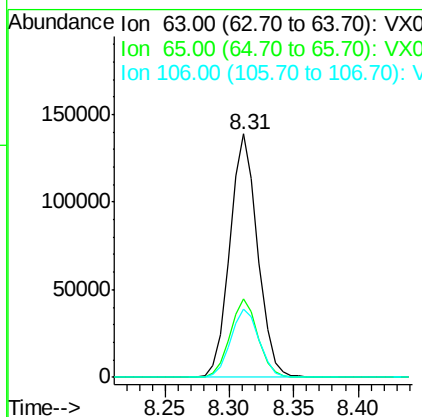
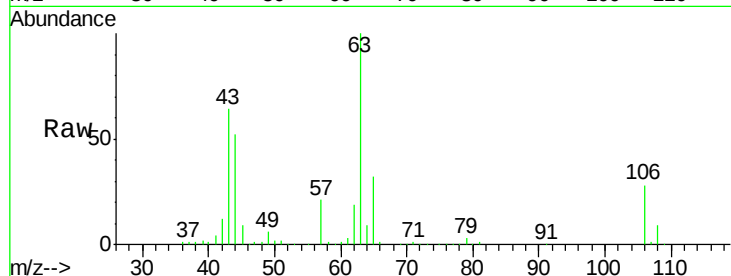




#55
2-Chloroethyl vinyl ether
Concen: 95.431 ug/l
RT: 8.31 min Scan# 1174
Delta R.T. 0.00 min
Lab File: VX007960.D
Acq: 11 Mar 2019 09:41

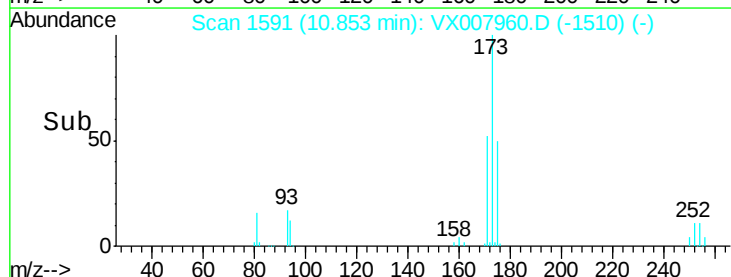
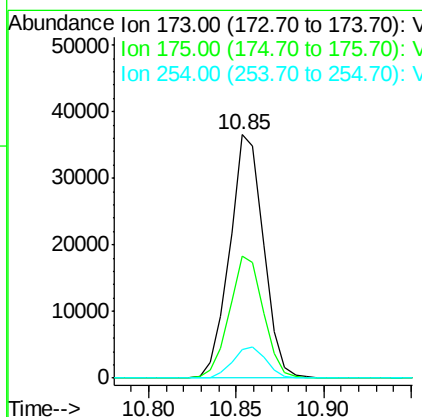
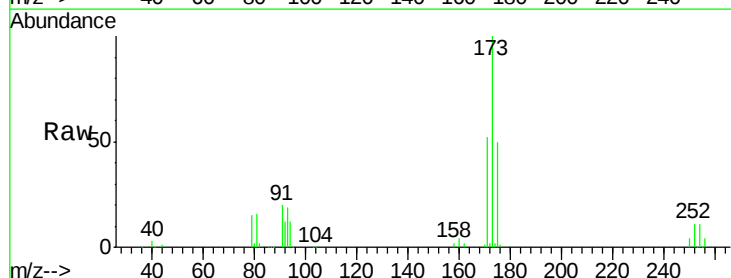
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

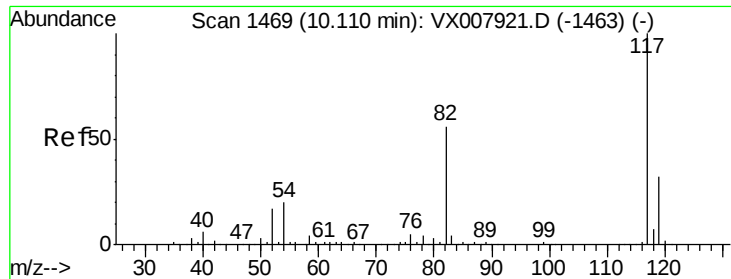
Tot Ion: 63 Resp: 209757
Ion Ratio Lower Upper
63 100
65 32.1 25.7 38.5
106 28.6 23.7 35.5



#56
Bromoform
Concen: 19.291 ug/l
RT: 10.85 min Scan# 1591
Delta R.T. -0.01 min
Lab File: VX007960.D
Acq: 11 Mar 2019 09:41

Tgt Ion: 173 Resp: 49323
Ion Ratio Lower Upper
173 100
175 50.0 38.5 57.7
254 12.5 7.4 11.2#

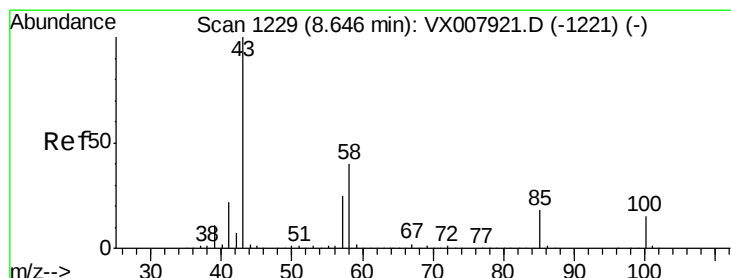
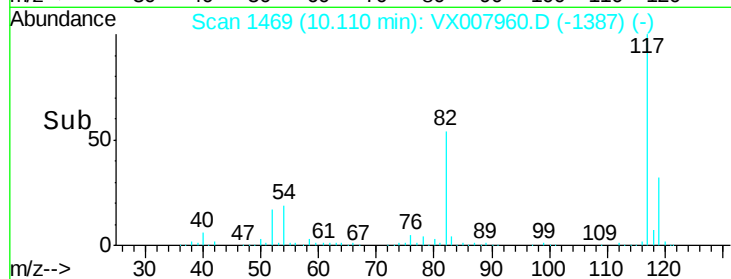
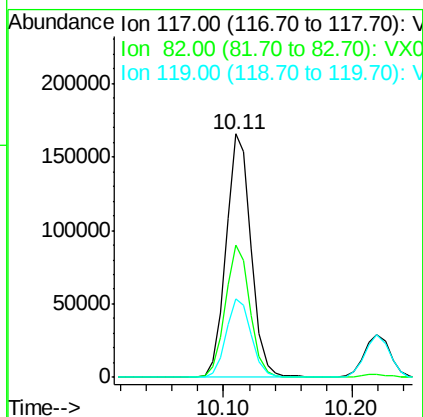
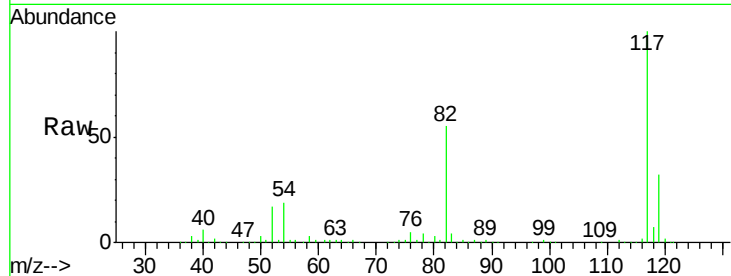




#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX007960.D
Acq: 11 Mar 2019 09:41

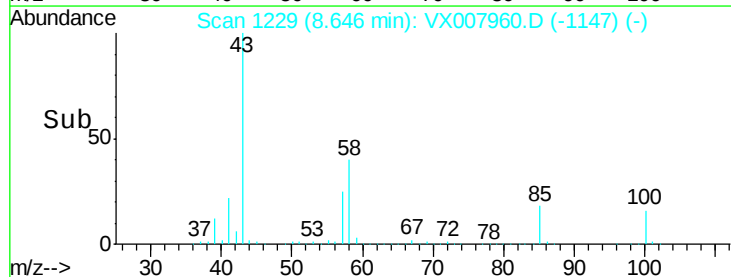
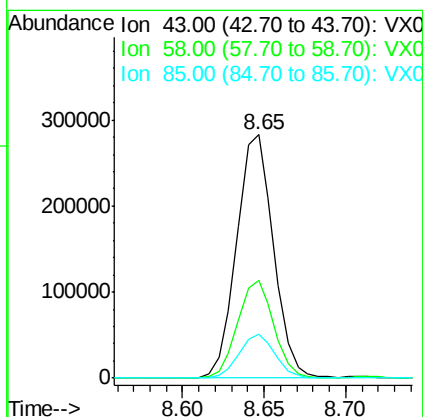
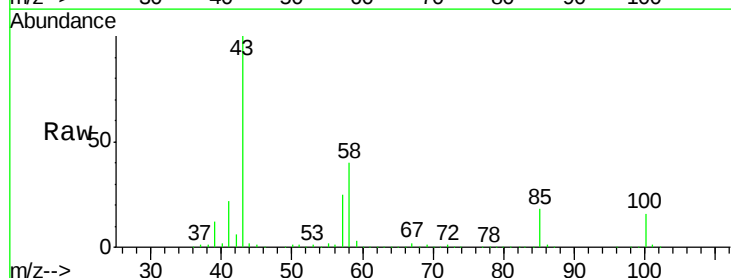
Instrument :
MSVOA_X
ClientSampled :
VSTDCCC020

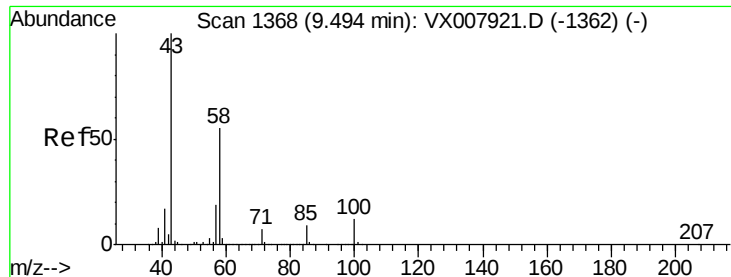
Tot Ion:117 Resp: 226138
Ion Ratio Lower Upper
117 100
82 53.9 40.4 60.6
119 32.4 25.8 38.6



#58
4-Methyl-2-Pentanone
Concen: 95.536 ug/l
RT: 8.65 min Scan# 1229
Delta R.T. 0.00 min
Lab File: VX007960.D
Acq: 11 Mar 2019 09:41

Tgt Ion: 43 Resp: 444803
Ion Ratio Lower Upper
43 100
58 39.6 31.4 47.0
85 17.9 15.0 22.6

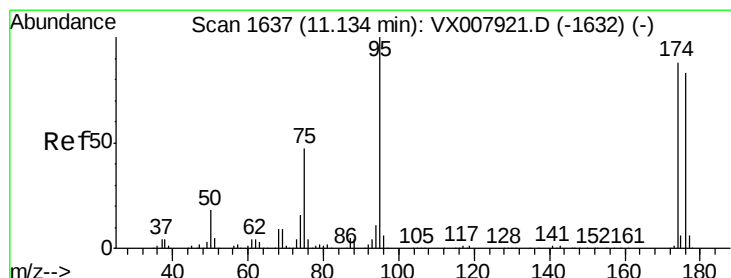
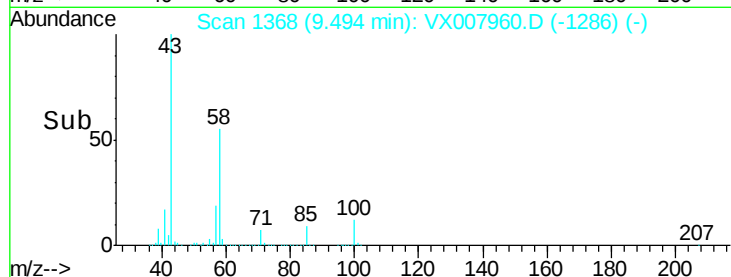
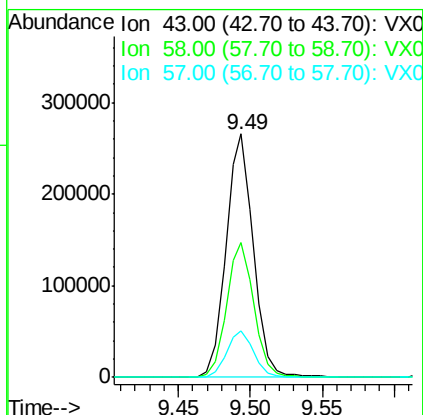
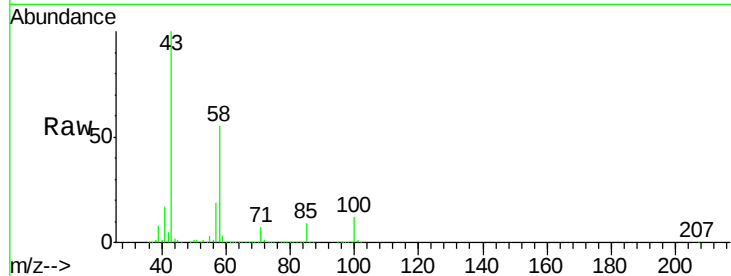




#59
2-Hexanone
Concen: 96.160 ug/l
RT: 9.49 min Scan# 1368
Delta R.T. 0.00 min
Lab File: VX007960.D
Acq: 11 Mar 2019 09:41

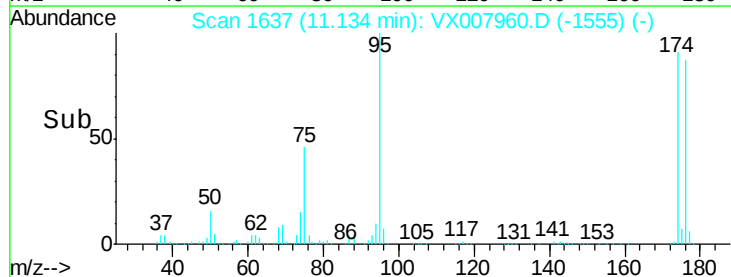
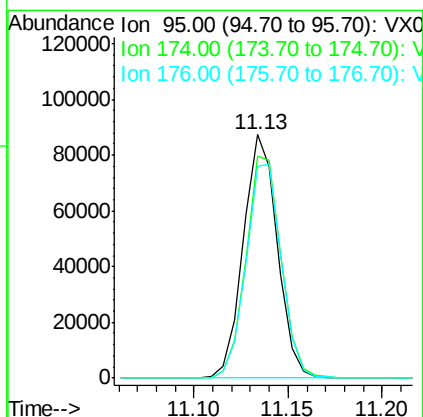
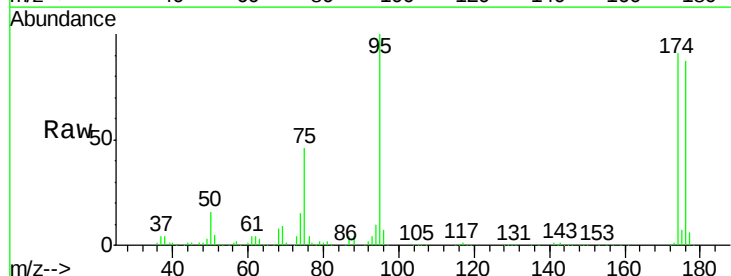
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

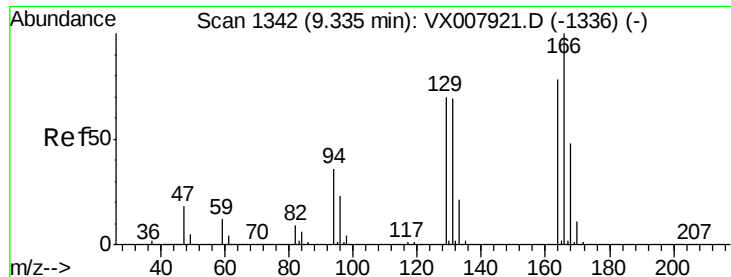
Tot Ion: 43 Resp: 353408
Ion Ratio Lower Upper
43 100
58 55.5 43.9 65.9
57 19.2 14.9 22.3



#60
4-Bromofluorobenzene
Concen: 30.353 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. 0.00 min
Lab File: VX007960.D
Acq: 11 Mar 2019 09:41

Tgt Ion: 95 Resp: 109556
Ion Ratio Lower Upper
95 100
174 94.2 74.9 112.3
176 91.2 70.7 106.1





#61

Tetrachloroethene

Concen: 20.834 ug/l

RT: 9.34 min Scan# 1342

Delta R.T. 0.00 min

Lab File: VX007960.D

Acq: 11 Mar 2019 09:41

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

Tot Ion:164 Resp: 68726

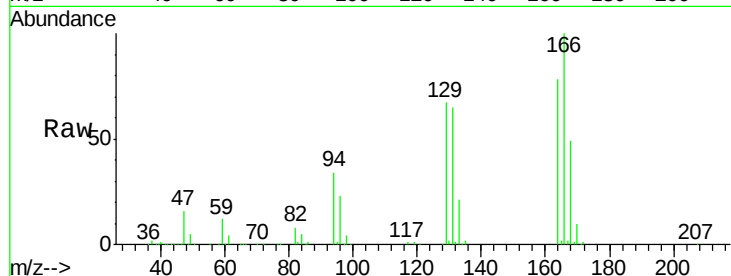
Ion Ratio Lower Upper

164 100

166 128.9 103.9 155.9

129 86.1 74.7 112.1

131 84.3 71.7 107.5

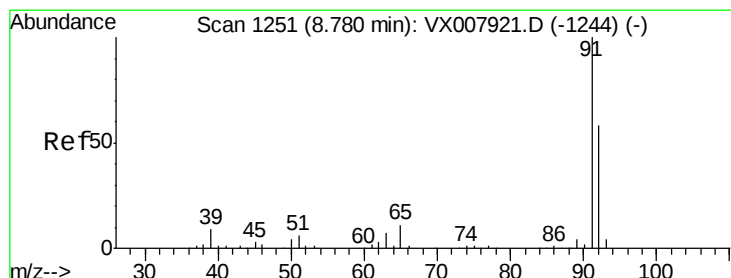
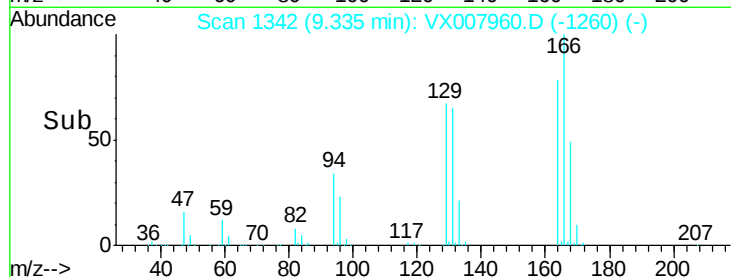
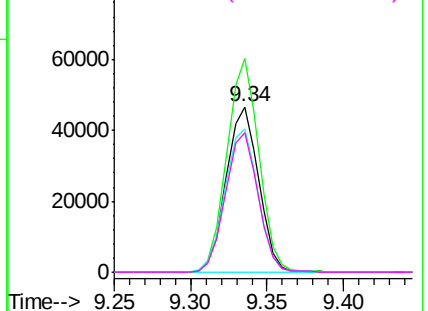


Abundance Ion 163.85 (163.55 to 164.55): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.90 (128.60 to 129.60): V

Ion 130.90 (130.60 to 131.60): V



#62

Toluene

Concen: 18.960 ug/l

RT: 8.78 min Scan# 1251

Delta R.T. 0.00 min

Lab File: VX007960.D

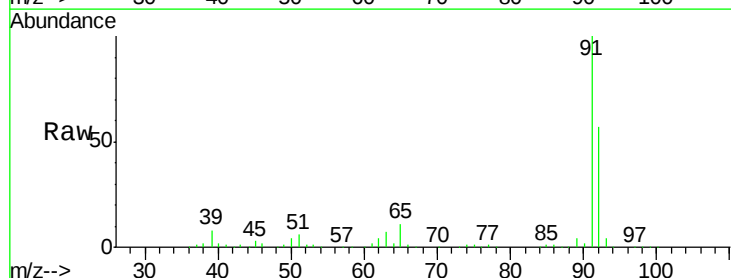
Acq: 11 Mar 2019 09:41

Tgt Ion: 91 Resp: 250367

Ion Ratio Lower Upper

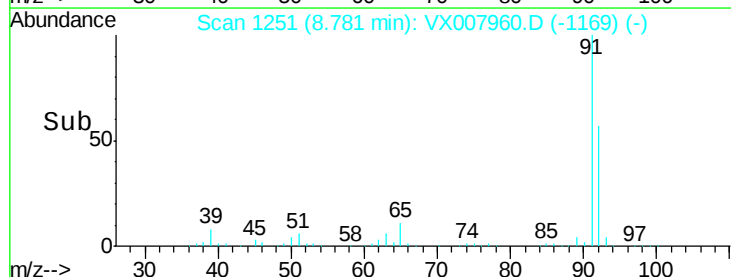
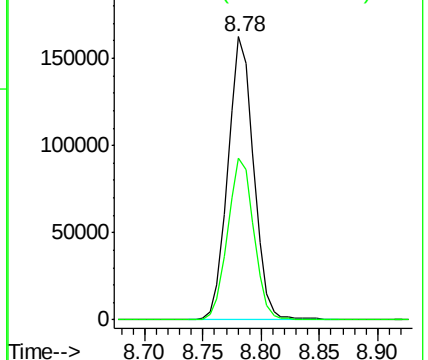
91 100

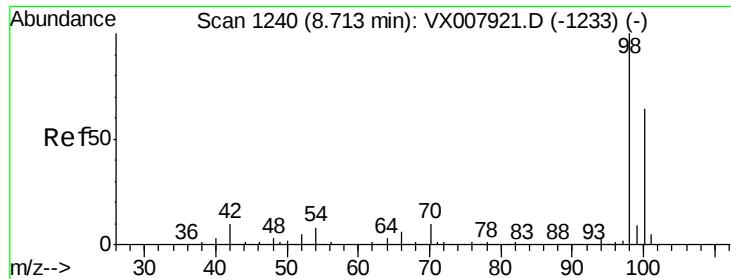
92 58.1 46.4 69.6



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 92.00 (91.70 to 92.70): VX0

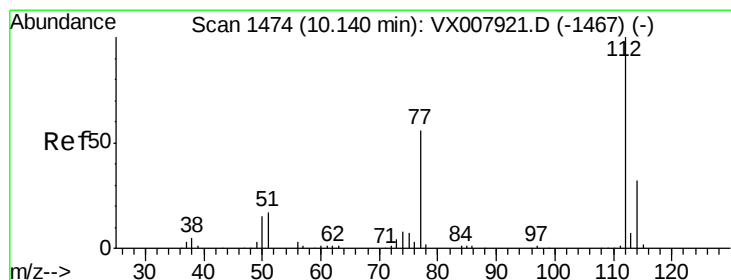
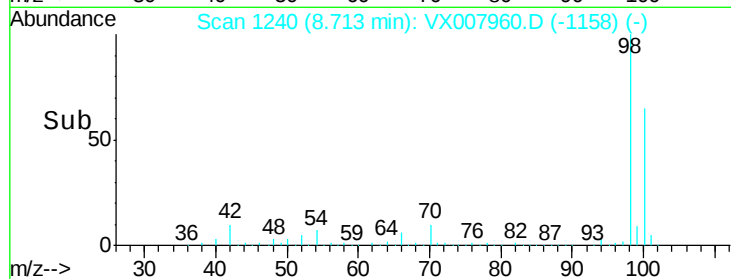
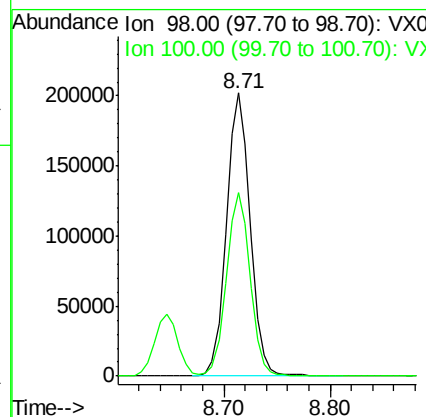
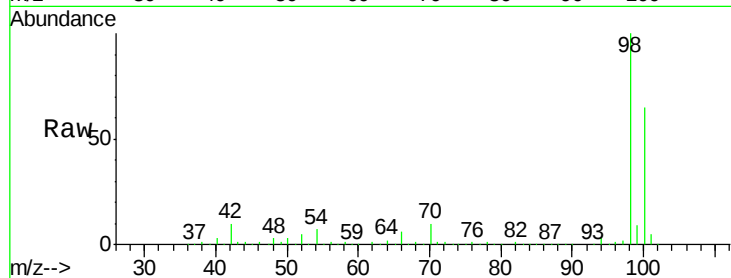




#63
Toluene-d8
Concen: 30.386 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX007960.D
Acq: 11 Mar 2019 09:41

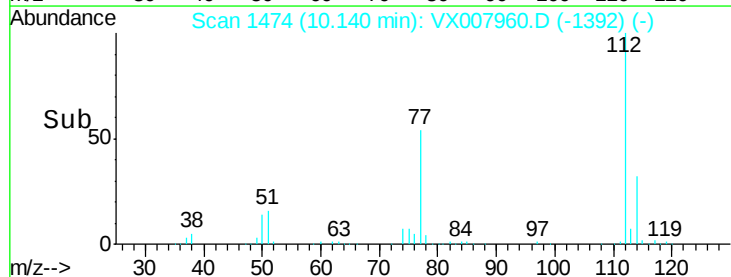
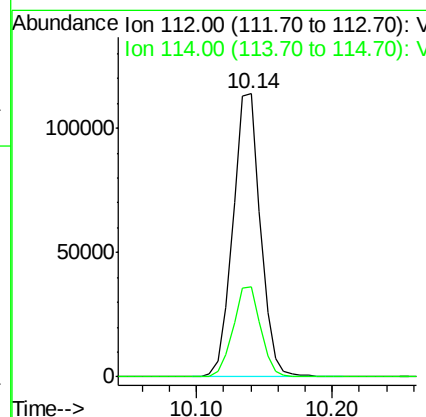
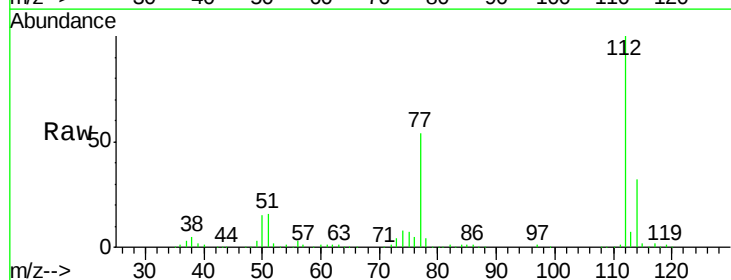
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

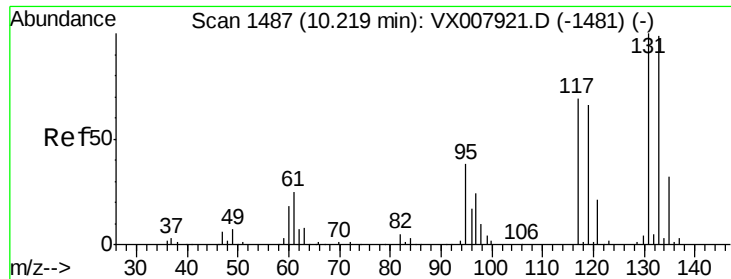
Tot Ion: 98 Resp: 314469
Ion Ratio Lower Upper
98 100
100 64.2 50.9 76.3



#64
Chlorobenzene
Concen: 19.087 ug/l
RT: 10.14 min Scan# 1474
Delta R.T. 0.00 min
Lab File: VX007960.D
Acq: 11 Mar 2019 09:41

Tgt Ion: 112 Resp: 160637
Ion Ratio Lower Upper
112 100
114 31.8 25.4 38.2





#65

1,1,1,2-Tetrachloroethane

Concen: 19.876 ug/l

RT: 10.22 min Scan# 1487

Delta R.T. 0.00 min

Lab File: VX007960.D

Acq: 11 Mar 2019 09:41

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

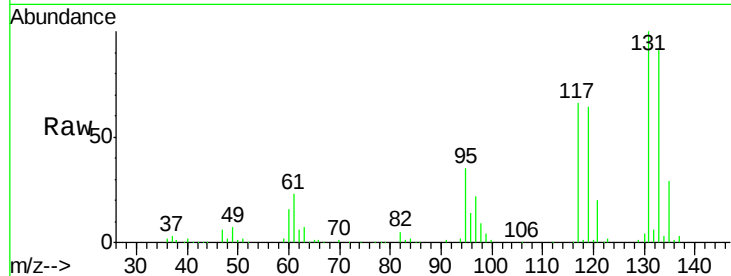
Tot Ion:131 Resp: 59890

Ion Ratio Lower Upper

131 100

133 94.4 0.0 191.6

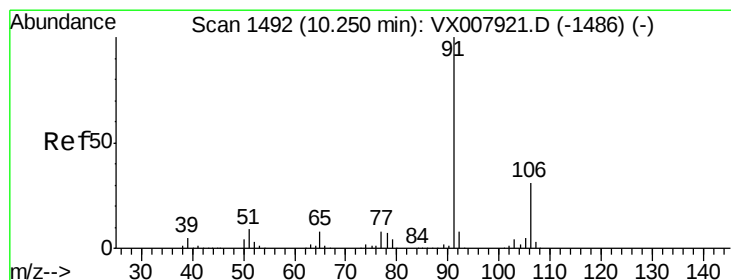
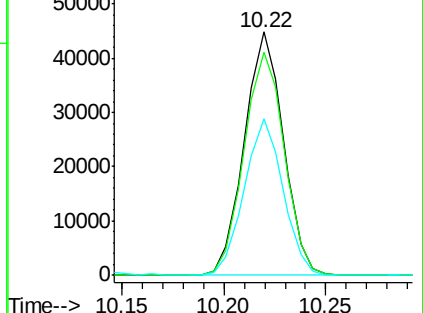
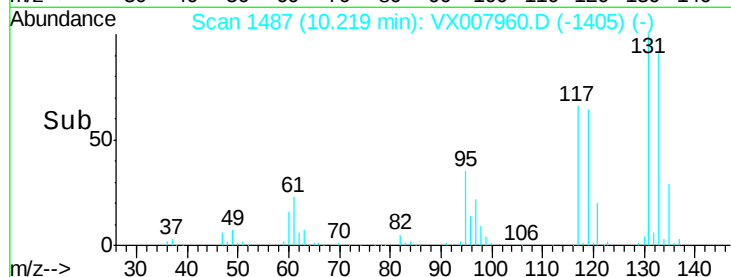
119 64.2 0.0 127.4



Abundance Ion 131.00 (130.70 to 131.70): V

Ion 133.00 (132.70 to 133.70): V

Ion 119.00 (118.70 to 119.70): V



#66

Ethyl Benzene

Concen: 18.862 ug/l

RT: 10.25 min Scan# 1492

Delta R.T. 0.00 min

Lab File: VX007960.D

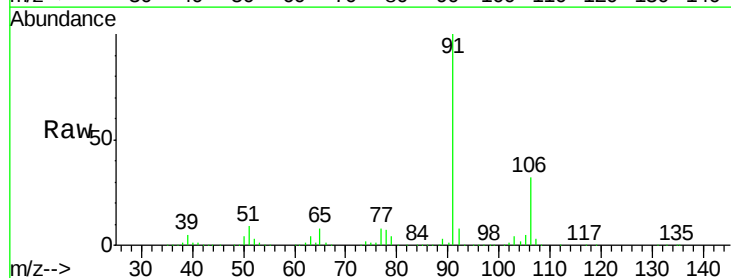
Acq: 11 Mar 2019 09:41

Tgt Ion: 91 Resp: 267521

Ion Ratio Lower Upper

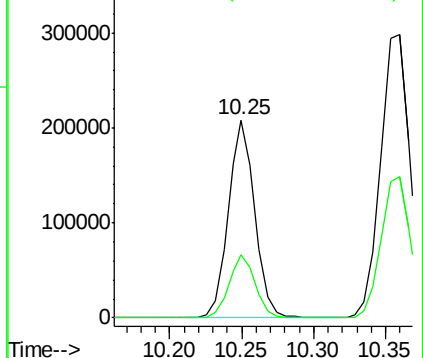
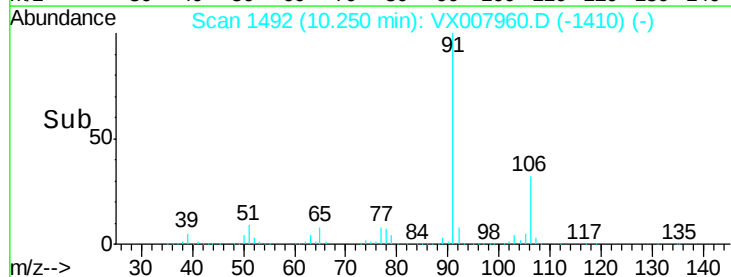
91 100

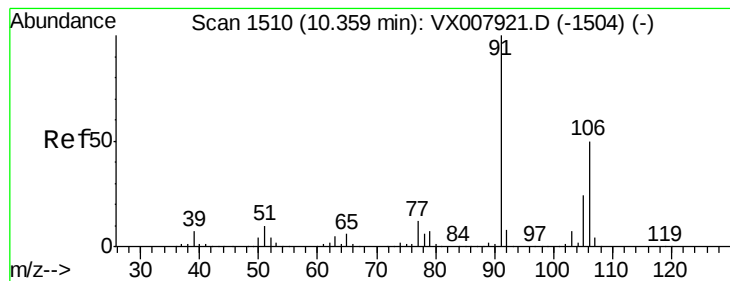
106 31.7 26.0 39.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 106.00 (105.70 to 106.70): V





#67

m/p-Xvlenes

Concen: 38.186 ug/l

RT: 10.36 min Scan# 1510

Delta R.T. 0.00 min

Lab File: VX007960.D

Acq: 11 Mar 2019 09:41

Instrument :

MSVOA_X

ClientSampleId :

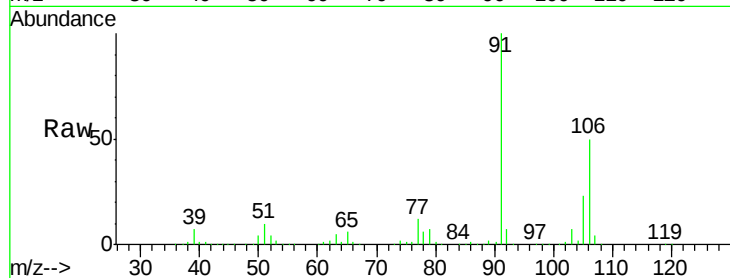
VSTDCCC020

Tot Ion:106 Resp: 207675

Ion Ratio Lower Upper

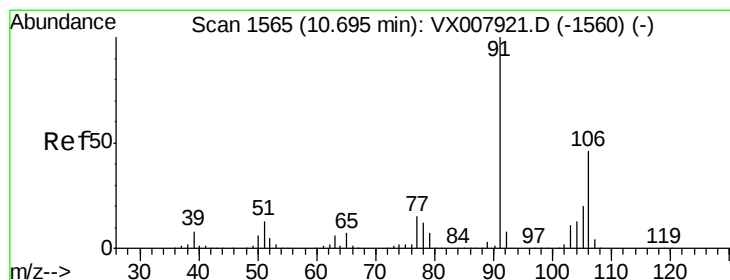
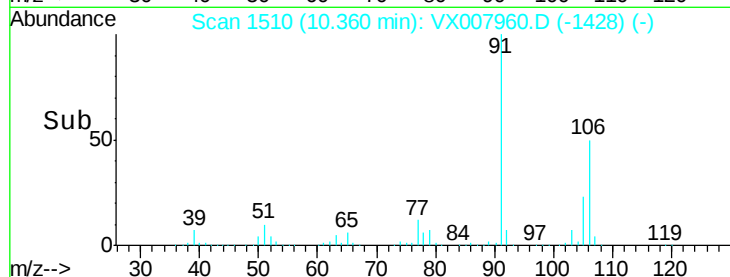
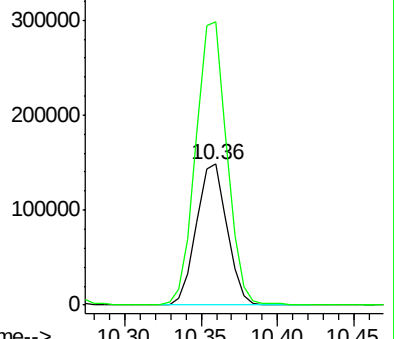
106 100

91 203.1 157.0 235.4



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0



#68

o-Xylene

Concen: 19.093 ug/l

RT: 10.69 min Scan# 1565

Delta R.T. 0.00 min

Lab File: VX007960.D

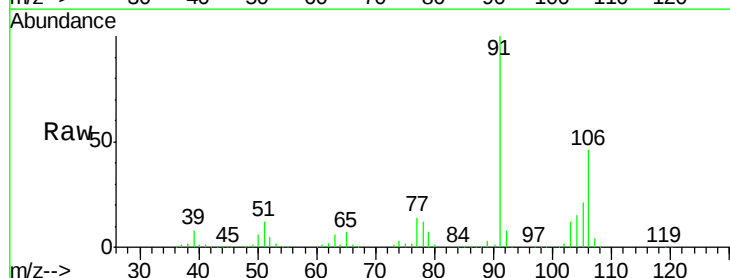
Acq: 11 Mar 2019 09:41

Tgt Ion:106 Resp: 100833

Ion Ratio Lower Upper

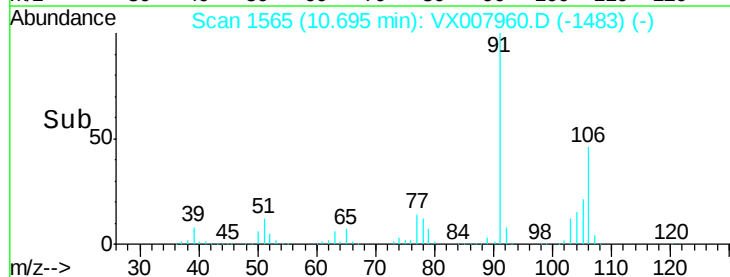
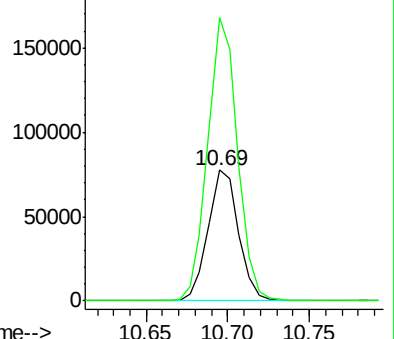
106 100

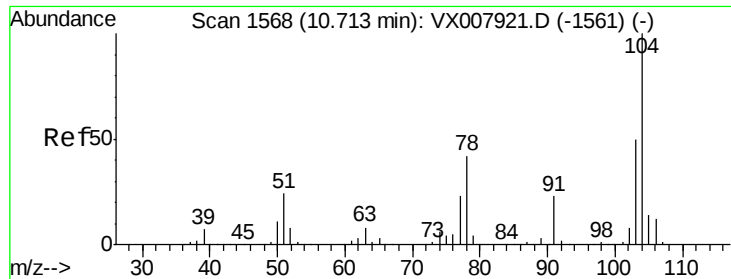
91 211.6 104.4 313.2



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0

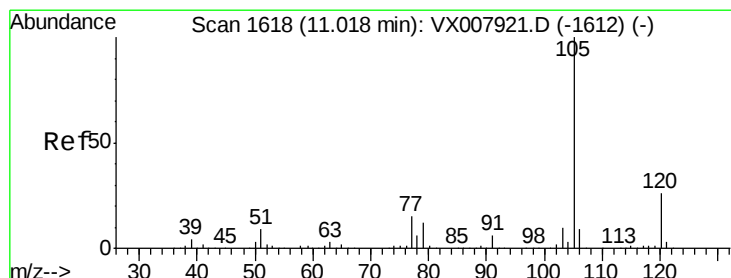
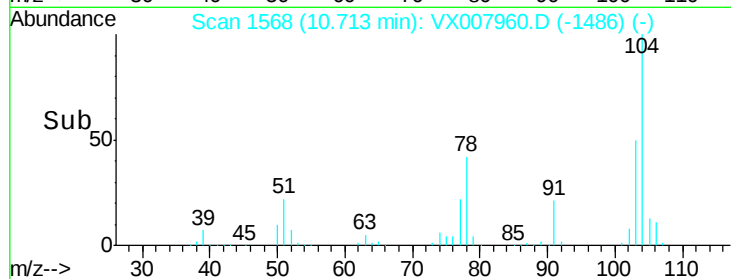
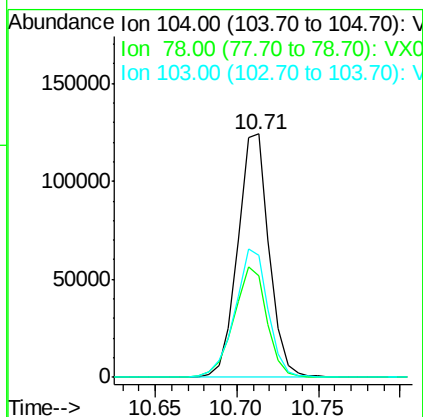
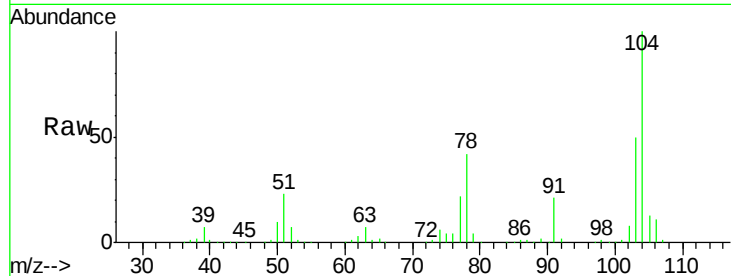




#69
Stvrene
Concen: 19.116 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. 0.00 min
Lab File: VX007960.D
Acq: 11 Mar 2019 09:41

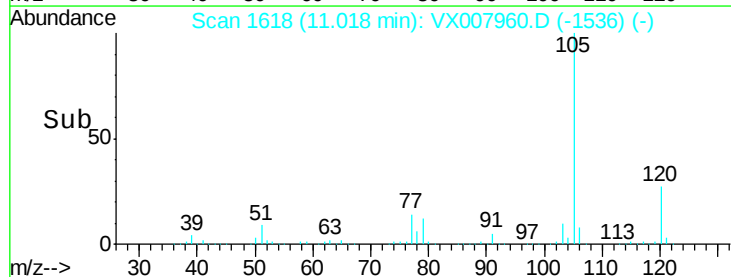
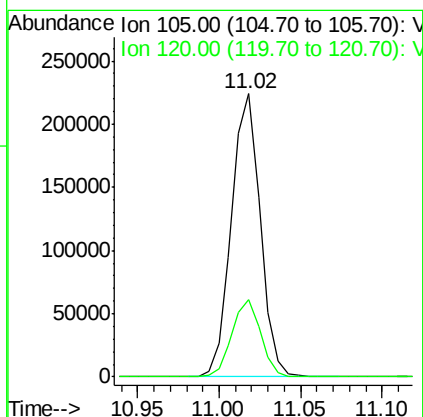
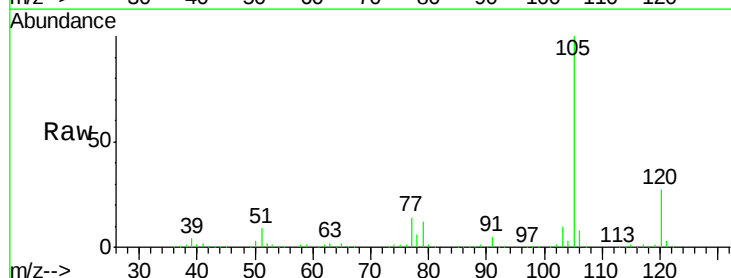
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

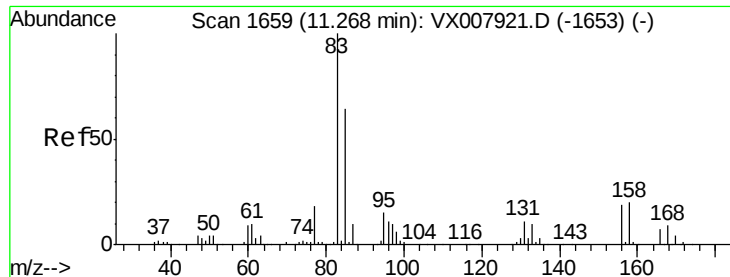
Tot Ion:104 Resp: 166335
Ion Ratio Lower Upper
104 100
78 48.2 38.2 57.2
103 55.7 45.0 67.4



#70
Isopropylbenzene
Concen: 19.486 ug/l
RT: 11.02 min Scan# 1618
Delta R.T. 0.00 min
Lab File: VX007960.D
Acq: 11 Mar 2019 09:41

Tgt Ion:105 Resp: 274976
Ion Ratio Lower Upper
105 100
120 27.2 19.8 36.8

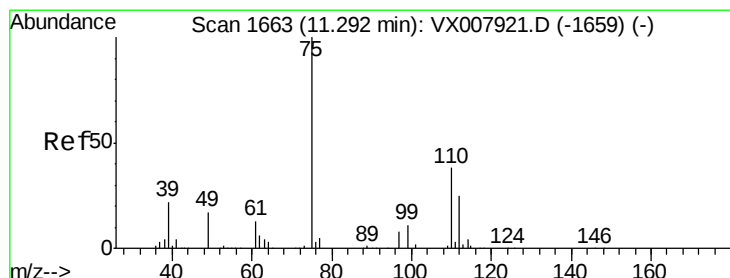
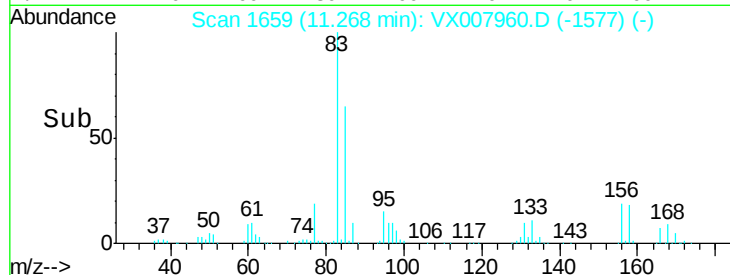
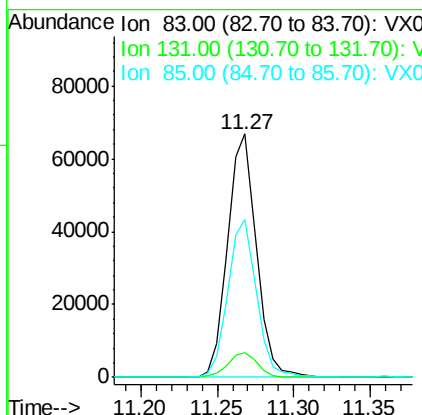
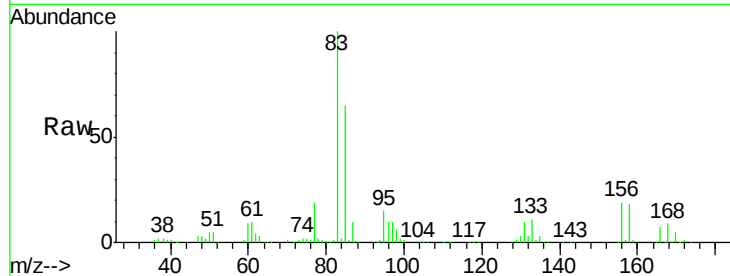




#71
 1,1,2,2-Tetrachloroethane
 Concen: 18.693 ug/l
 RT: 11.27 min Scan# 1659
 Delta R.T. 0.00 min
 Lab File: VX007960.D
 Acq: 11 Mar 2019 09:41

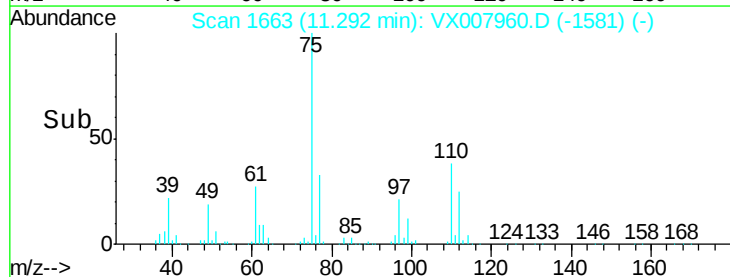
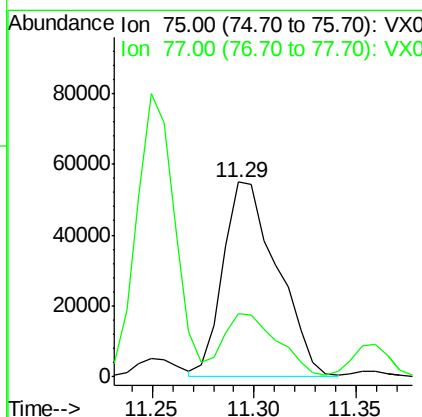
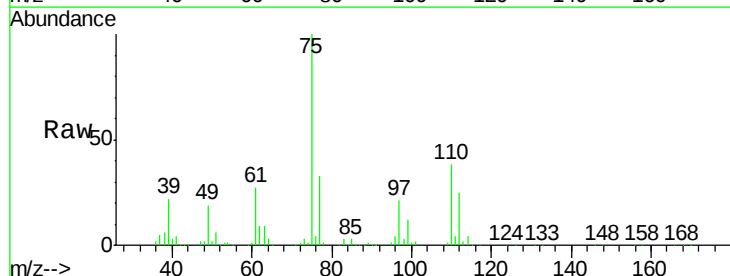
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020

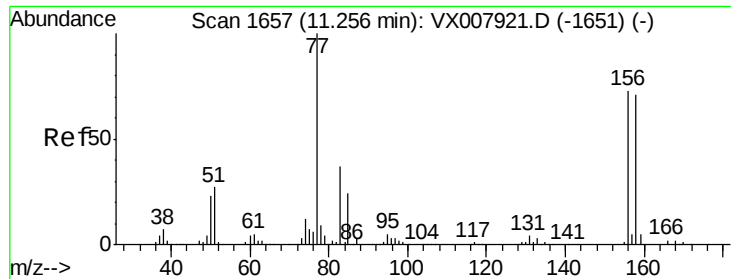
Tot Ion: 83 Resp: 87122
 Ion Ratio Lower Upper
 83 100
 131 10.5 5.4 16.2
 85 65.0 32.8 98.4



#72
 1,2,3-Trichloropropane
 Concen: 23.153 ug/l
 RT: 11.29 min Scan# 1663
 Delta R.T. 0.00 min
 Lab File: VX007960.D
 Acq: 11 Mar 2019 09:41

Tgt Ion: 75 Resp: 101713
 Ion Ratio Lower Upper
 75 100
 77 32.8 0.0 76.4





#73

Bromobenzene

Concen: 19.420 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. 0.00 min

Lab File: VX007960.D

Acq: 11 Mar 2019 09:41

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

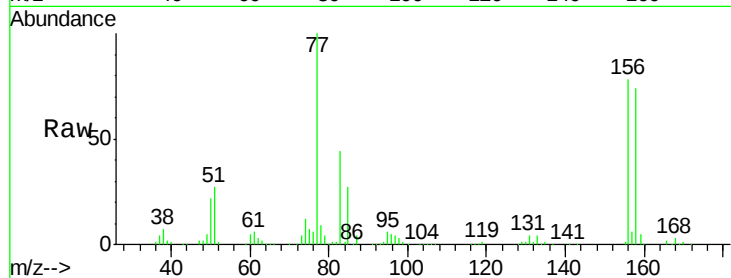
Tot Ion:156 Resp: 72857

Ion Ratio Lower Upper

156 100

77 141.4 0.0 271.4

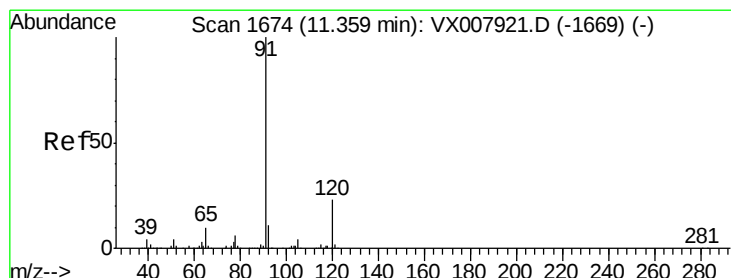
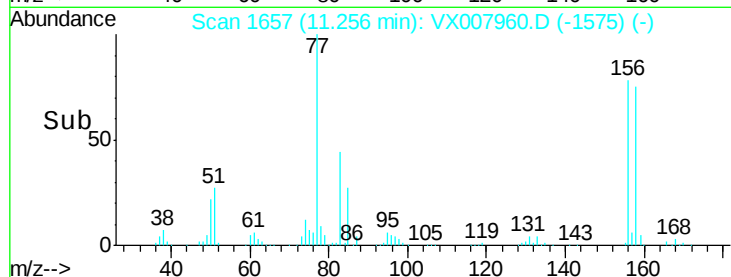
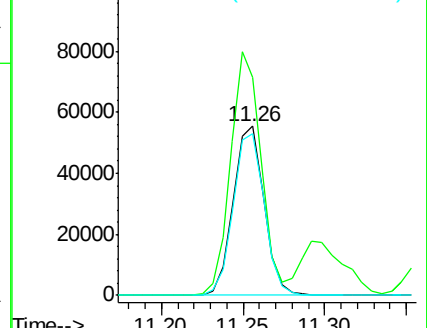
158 96.8 0.0 194.0



Abundance Ion 156.00 (155.70 to 156.70): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 158.00 (157.70 to 158.70): V



#74

n-propylbenzene

Concen: 19.389 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. 0.00 min

Lab File: VX007960.D

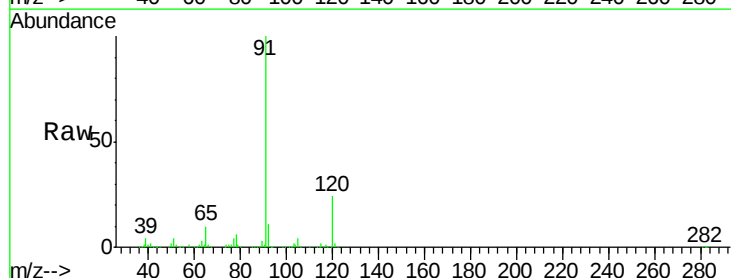
Acq: 11 Mar 2019 09:41

Tgt Ion: 91 Resp: 308632

Ion Ratio Lower Upper

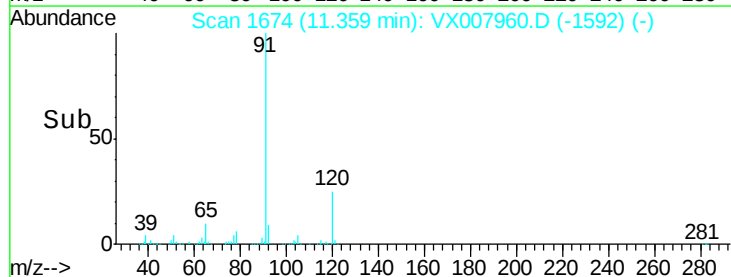
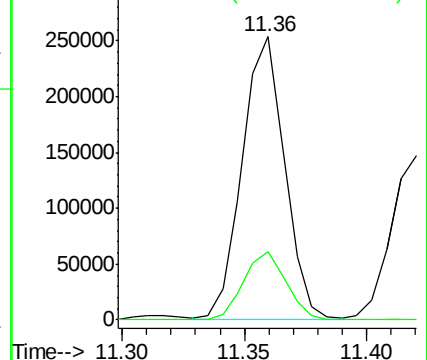
91 100

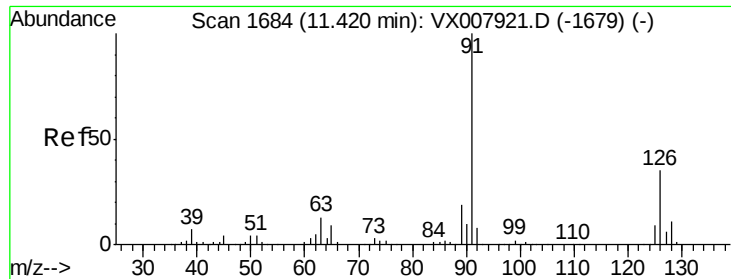
120 24.0 0.0 48.6



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#75

2-Chlorotoluene

Concen: 19.179 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. 0.00 min

Lab File: VX007960.D

Acq: 11 Mar 2019 09:41

Instrument :

MSVOA_X

ClientSampleId :

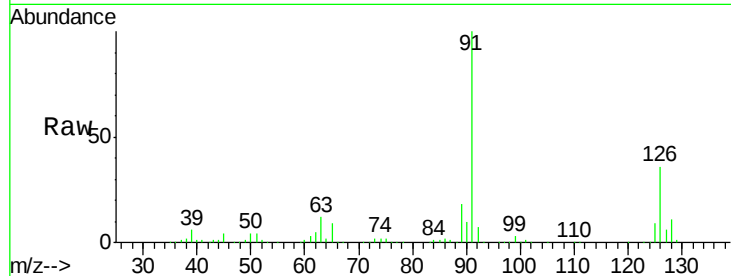
VSTDCCC020

Tot Ion: 91 Resp: 182987

Ion Ratio Lower Upper

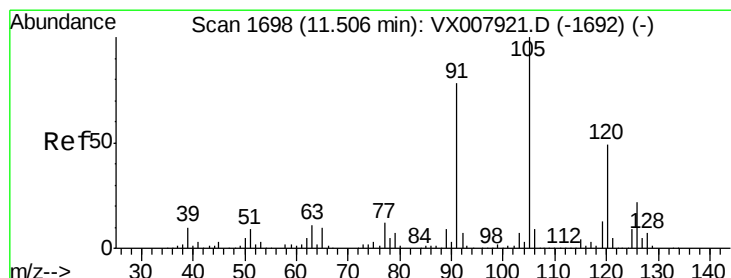
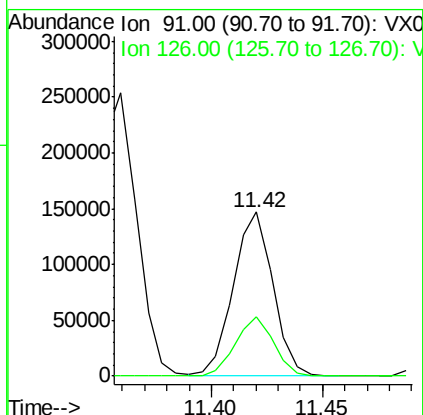
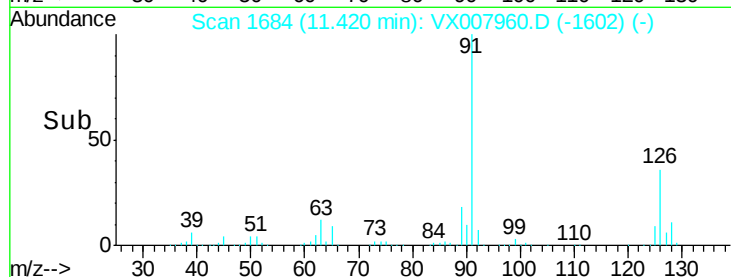
91 100

126 35.1 0.0 75.2



Abundance Ion 91.00 (90.70 to 91.70): VX007921.D (-1679) (-)

Ion 126.00 (125.70 to 126.70): VX007921.D (-1679) (-)



#76

1,3,5-Trimethylbenzene

Concen: 19.544 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. 0.00 min

Lab File: VX007960.D

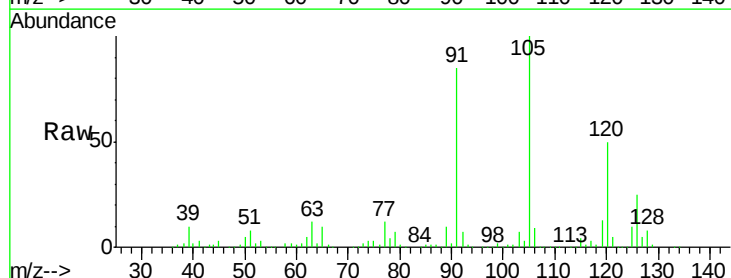
Acq: 11 Mar 2019 09:41

Tgt Ion: 105 Resp: 228566

Ion Ratio Lower Upper

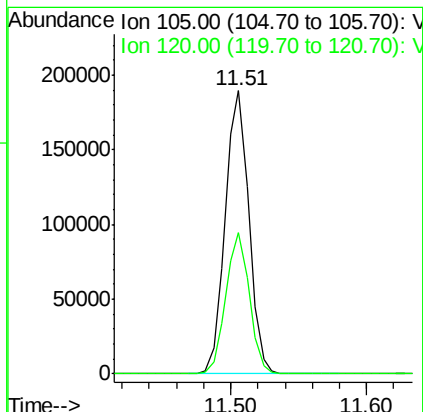
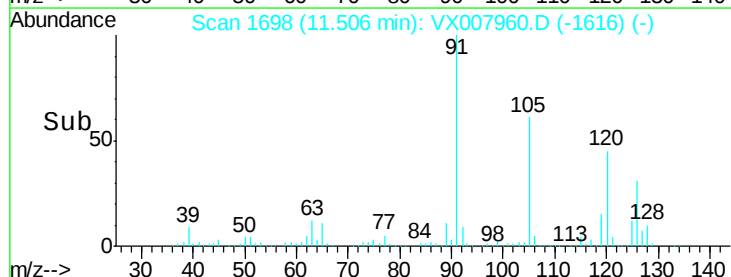
105 100

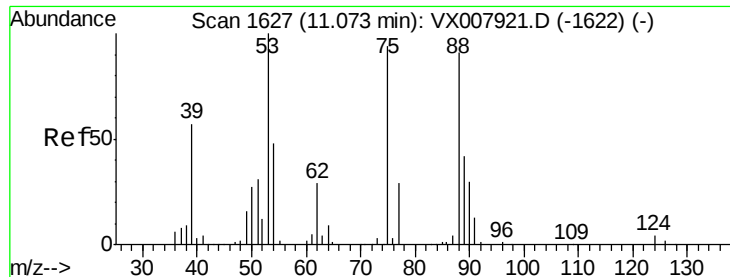
120 49.5 0.0 101.0



Abundance Ion 105.00 (104.70 to 105.70): VX007921.D (-1692) (-)

Ion 120.00 (119.70 to 120.70): VX007921.D (-1692) (-)





#77

t-1,4-Dichloro-2-butene

Concen: 19.496 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. 0.00 min

Lab File: VX007960.D

Acq: 11 Mar 2019 09:41

Instrument :

MSVOA_X

ClientSampled :

VSTDCCC020

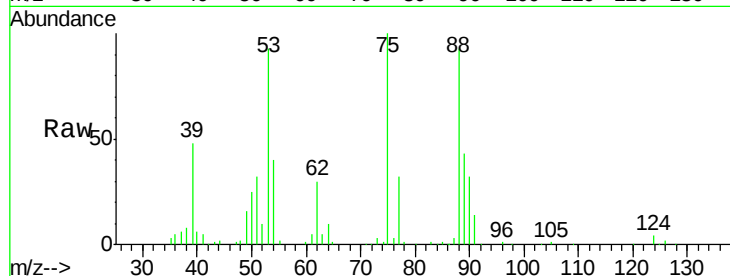
Tot Ion: 75 Resp: 26462

Ion Ratio Lower Upper

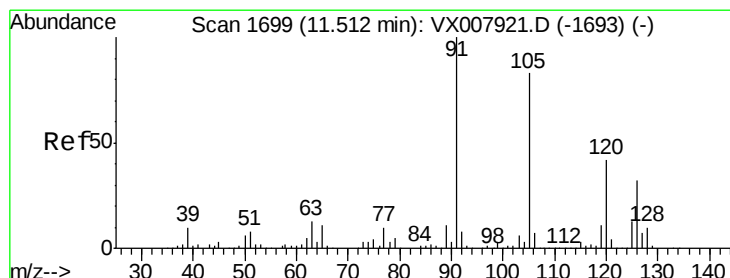
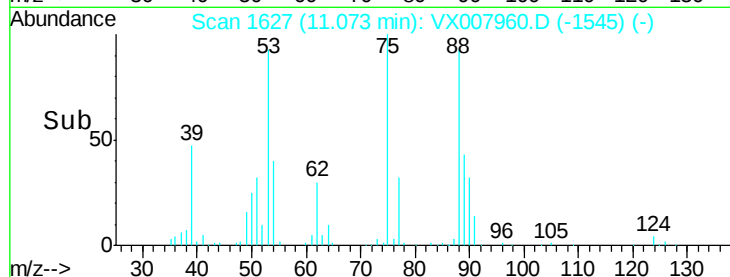
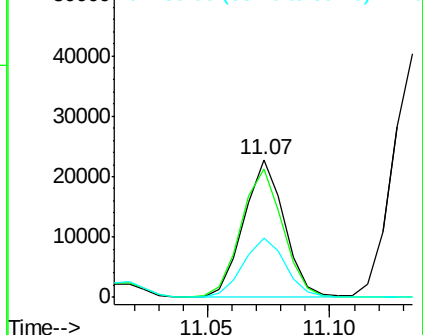
75 100

53 93.0 55.5 166.7

89 43.4 24.4 73.2



Abundance Ion 75.00 (74.70 to 75.70): VX0
Ion 53.00 (52.70 to 53.70): VX0
Ion 89.00 (88.70 to 89.70): VX0



#78

4-Chlorotoluene

Concen: 19.428 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.01 min

Lab File: VX007960.D

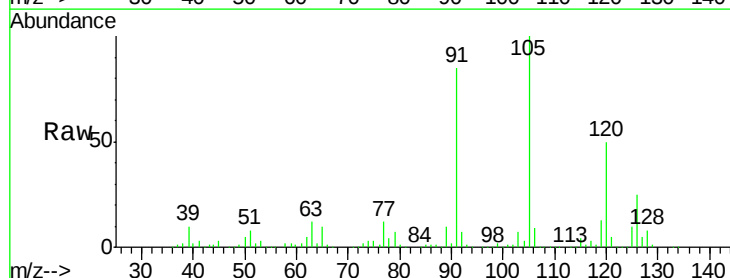
Acq: 11 Mar 2019 09:41

Tgt Ion: 91 Resp: 209574

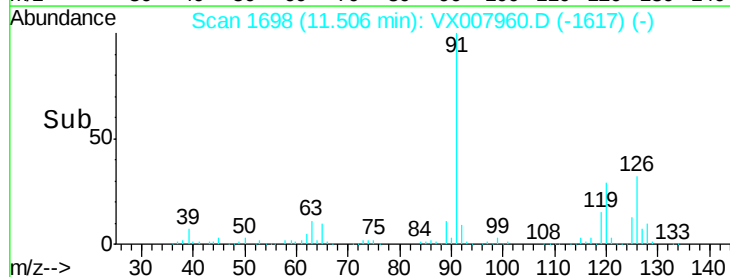
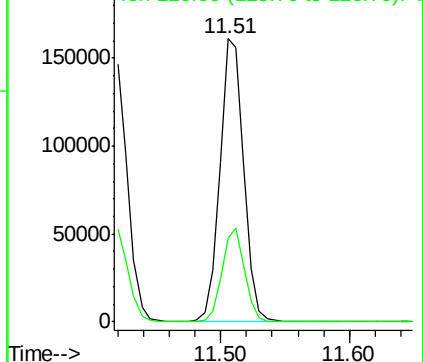
Ion Ratio Lower Upper

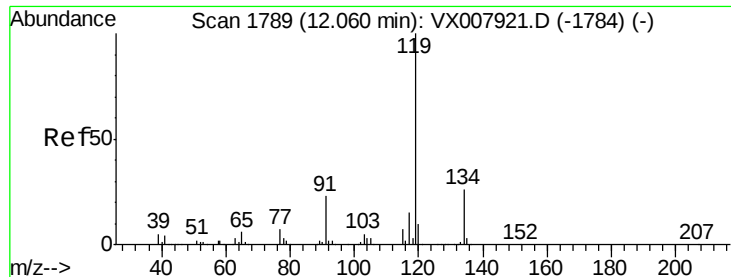
91 100

126 31.5 0.0 66.2



Abundance Ion 91.00 (90.70 to 91.70): VX0
Ion 126.00 (125.70 to 126.70): V

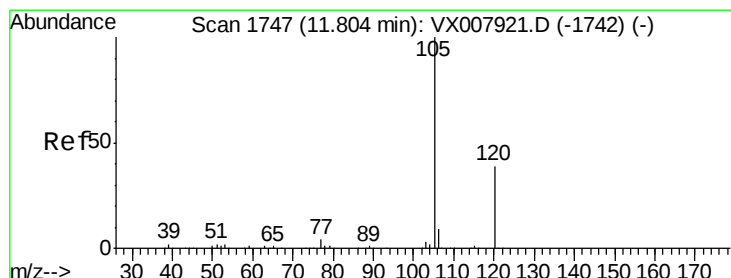
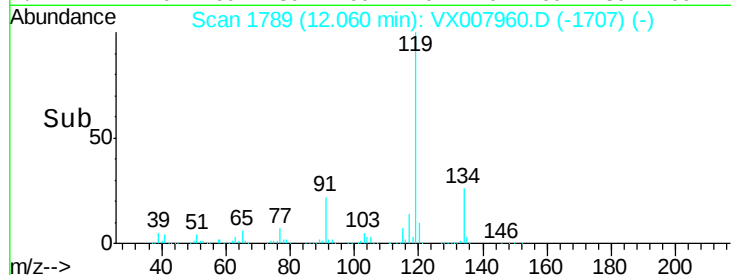
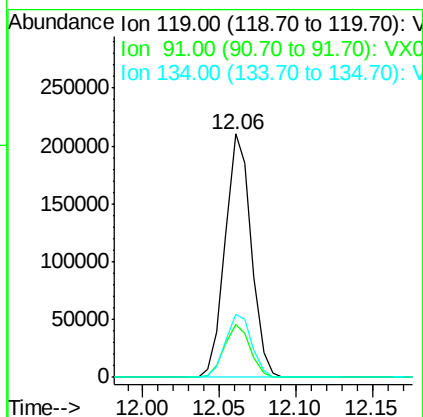
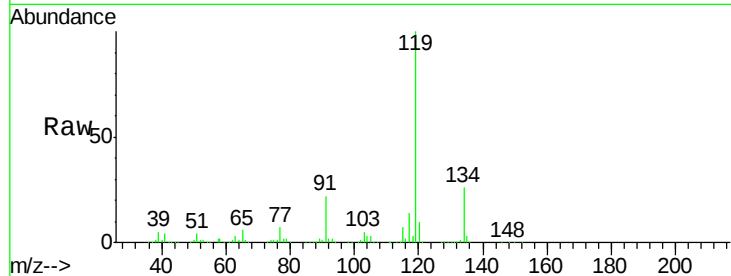




#79
tert-butylbenzene
Concen: 19.727 ug/l
RT: 12.06 min Scan# 1789
Delta R.T. 0.00 min
Lab File: VX007960.D
Acq: 11 Mar 2019 09:41

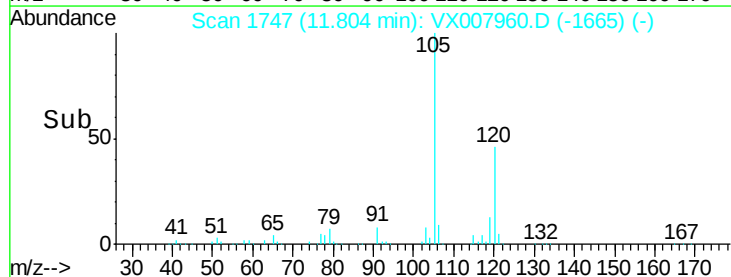
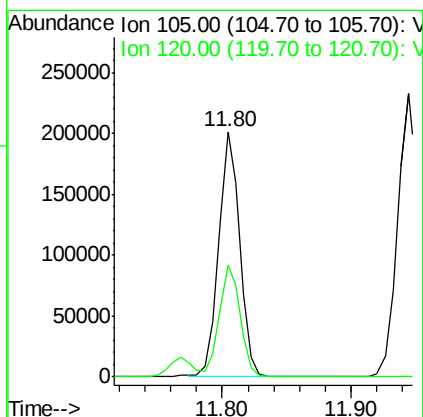
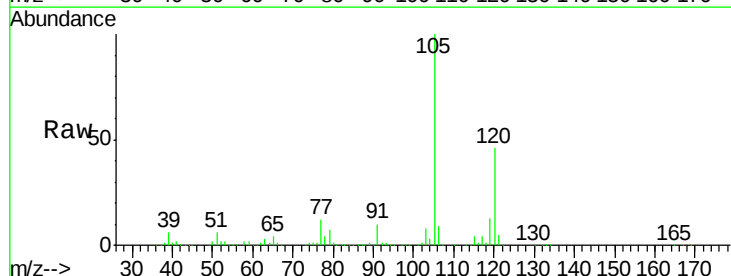
Instrument :
MSVOA_X
ClientSampled :
VSTDCCC020

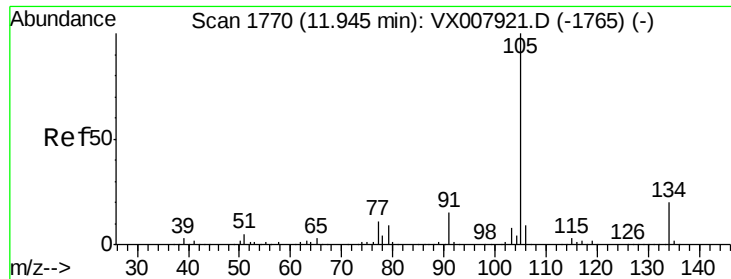
Tot Ion:119 Resp: 247580
Ion Ratio Lower Upper
119 100
91 21.6 0.0 45.0
134 26.2 0.0 55.4



#80
1,2,4-Trimethylbenzene
Concen: 19.586 ug/l
RT: 11.80 min Scan# 1747
Delta R.T. 0.00 min
Lab File: VX007960.D
Acq: 11 Mar 2019 09:41

Tgt Ion:105 Resp: 232482
Ion Ratio Lower Upper
105 100
120 44.9 0.0 94.0

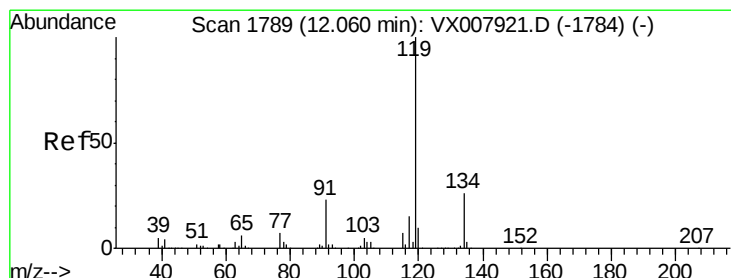
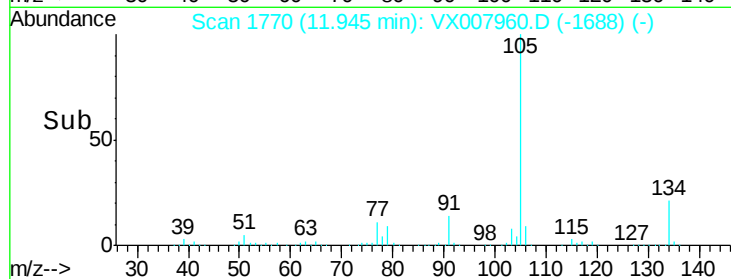
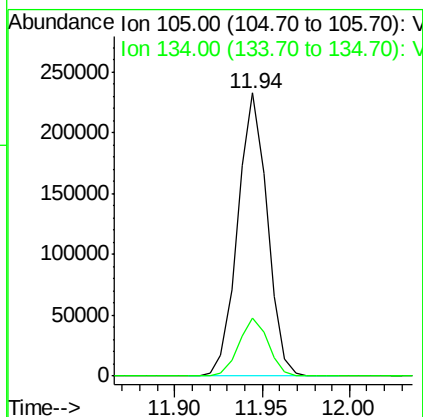
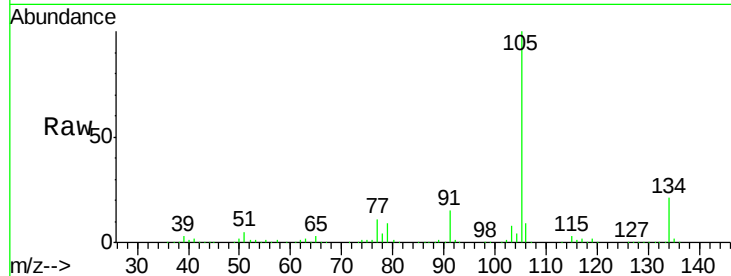




#81
 sec-Butylbenzene
 Concen: 19.429 ug/l
 RT: 11.94 min Scan# 1770
 Delta R.T. 0.00 min
 Lab File: VX007960.D
 Acq: 11 Mar 2019 09:41

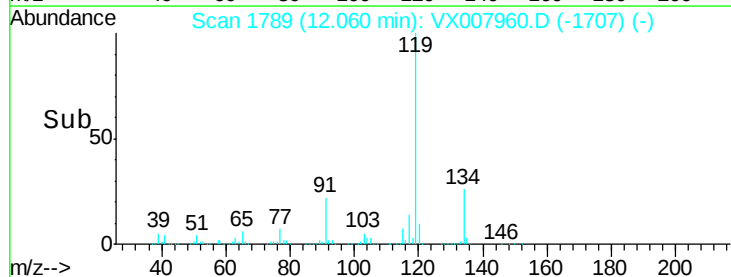
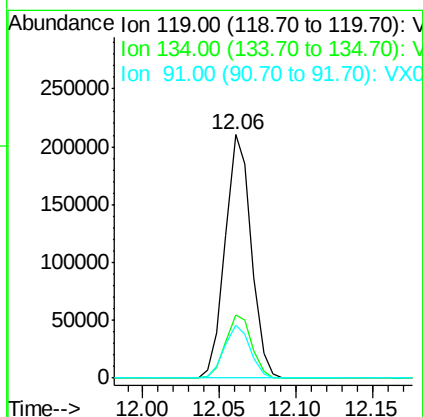
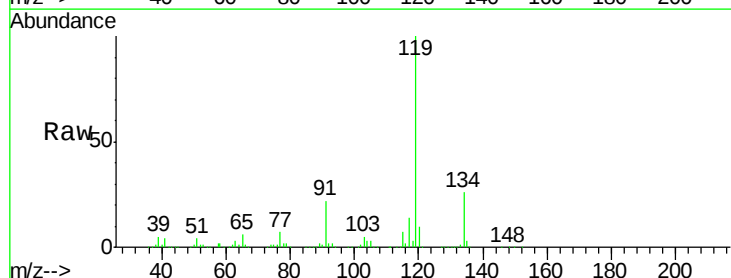
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020

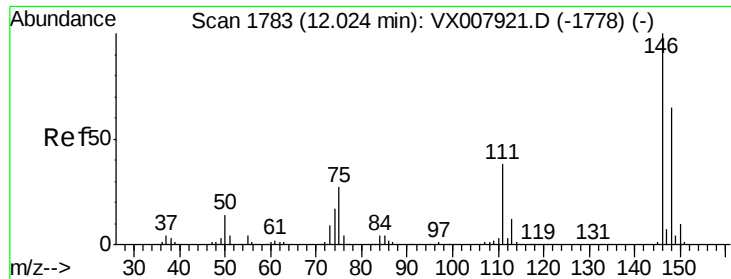
Tot Ion:105 Resp: 273127
 Ion Ratio Lower Upper
 105 100
 134 20.5 0.0 41.8



#82
 p-Isopropyltoluene
 Concen: 19.727 ug/l
 RT: 12.06 min Scan# 1789
 Delta R.T. 0.00 min
 Lab File: VX007960.D
 Acq: 11 Mar 2019 09:41

Tgt Ion:119 Resp: 247580
 Ion Ratio Lower Upper
 119 100
 134 26.2 0.0 55.4
 91 21.6 0.0 45.0





#83

1,3-Dichlorobenzene

Concen: 19.450 ug/l

RT: 12.02 min Scan# 1783

Delta R.T. 0.00 min

Lab File: VX007960.D

Acq: 11 Mar 2019 09:41

Instrument :

MSVOA_X

ClientSampled :

VSTDCCC020

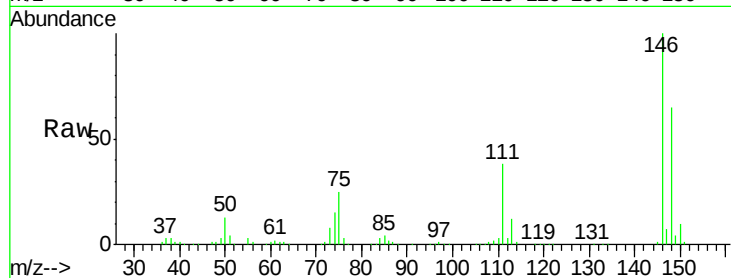
Tot Ion:146 Resp: 129917

Ion Ratio Lower Upper

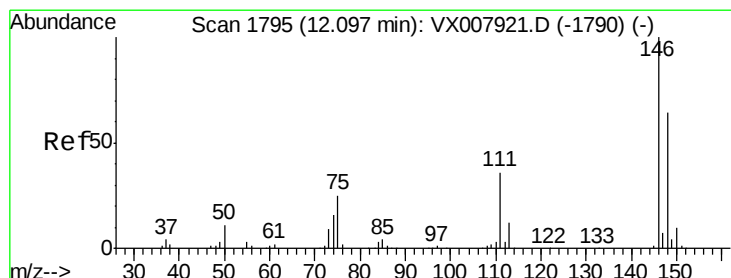
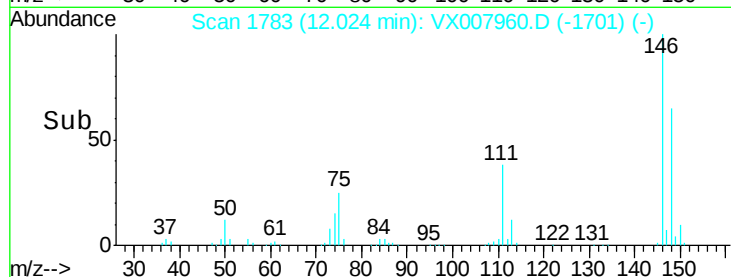
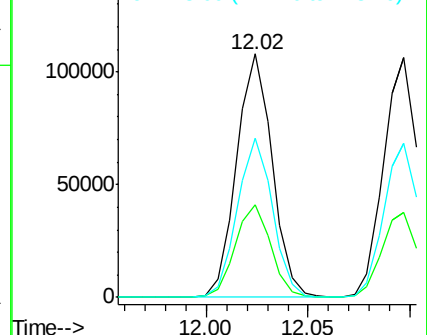
146 100

111 38.1 18.8 56.3

148 65.0 30.6 91.8



Abundance Ion 146.00 (145.70 to 146.70): V
Ion 111.00 (110.70 to 111.70): V
Ion 148.00 (147.70 to 148.70): V



#84

1,4-Dichlorobenzene

Concen: 19.215 ug/l

RT: 12.10 min Scan# 1795

Delta R.T. 0.00 min

Lab File: VX007960.D

Acq: 11 Mar 2019 09:41

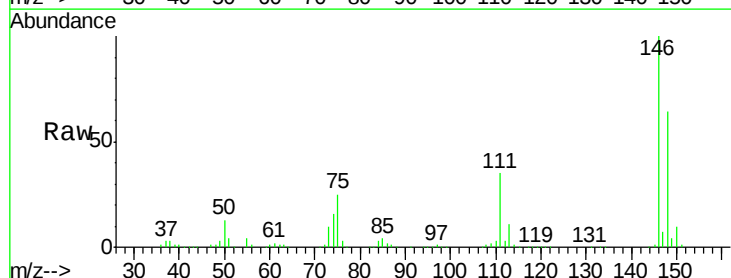
Tgt Ion:146 Resp: 128415

Ion Ratio Lower Upper

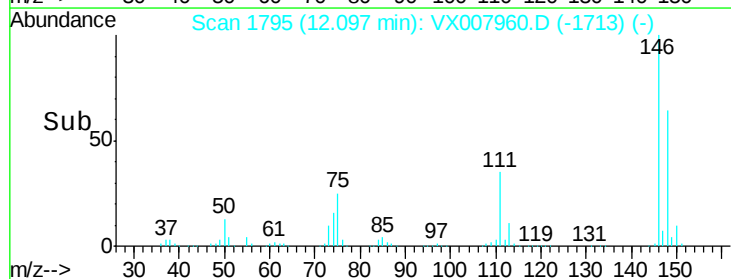
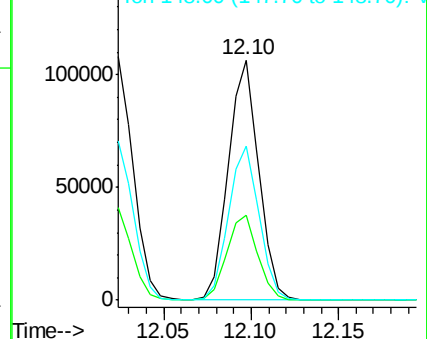
146 100

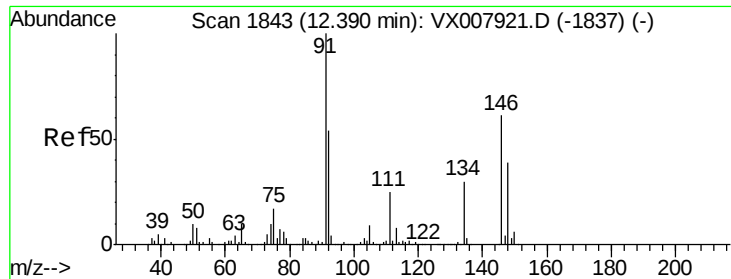
111 36.0 17.6 52.8

148 64.6 31.4 94.2



Abundance Ion 146.00 (145.70 to 146.70): V
Ion 111.00 (110.70 to 111.70): V
Ion 148.00 (147.70 to 148.70): V

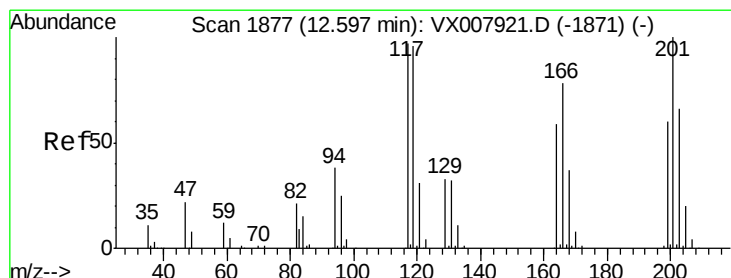
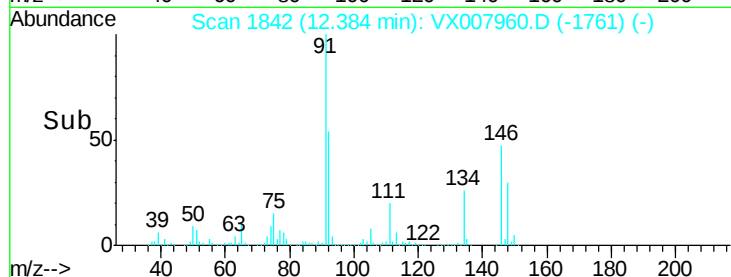
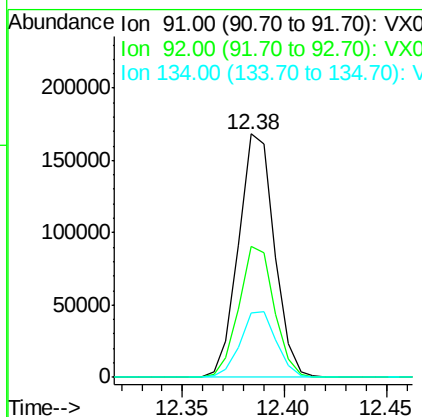
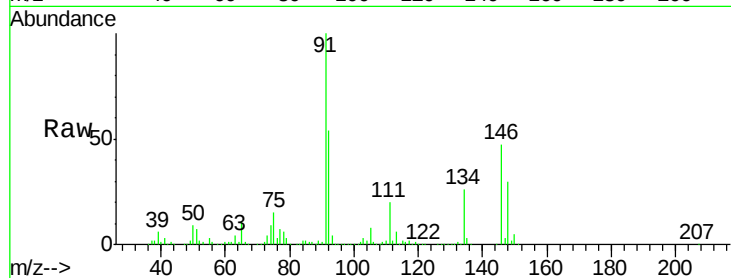




#85
n-Butylbenzene
Concen: 19.084 ug/l
RT: 12.38 min Scan# 1842
Delta R.T. -0.01 min
Lab File: VX007960.D
Acq: 11 Mar 2019 09:41

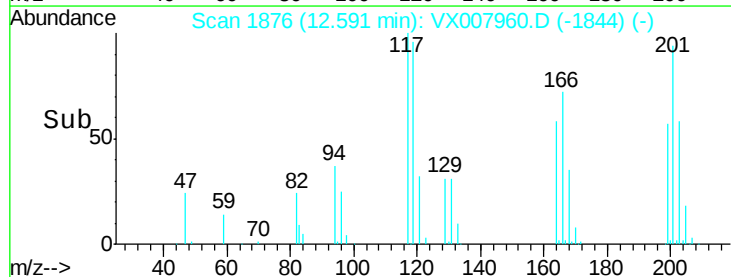
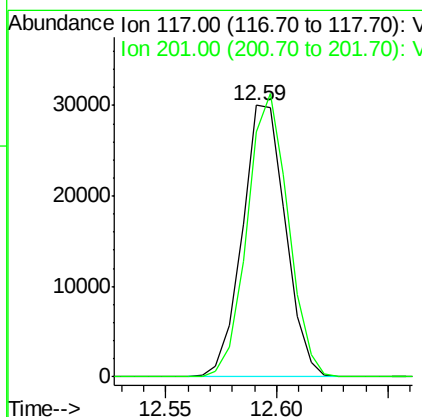
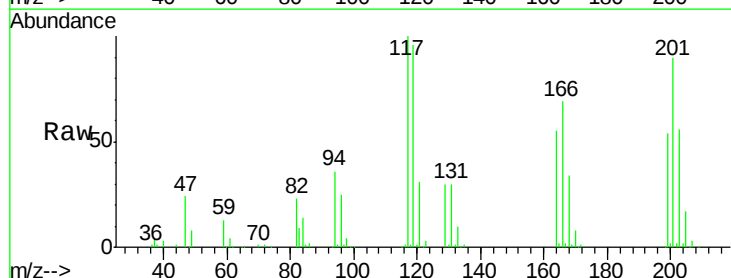
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

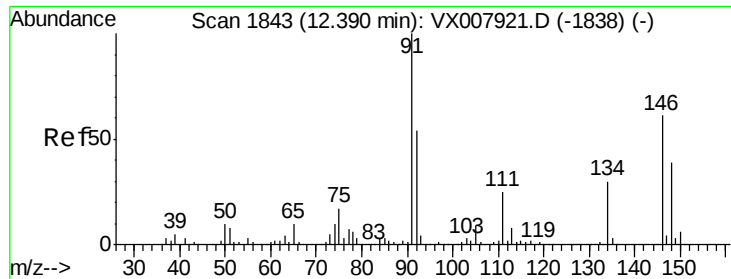
Tot Ion: 91 Resp: 204834
Ion Ratio Lower Upper
91 100
92 53.4 0.0 105.2
134 27.2 0.0 56.4



#86
Hexachloroethane
Concen: 19.883 ug/l
RT: 12.59 min Scan# 1876
Delta R.T. -0.01 min
Lab File: VX007960.D
Acq: 11 Mar 2019 09:41

Tgt Ion: 117 Resp: 40658
Ion Ratio Lower Upper
117 100
201 98.6 41.1 123.3

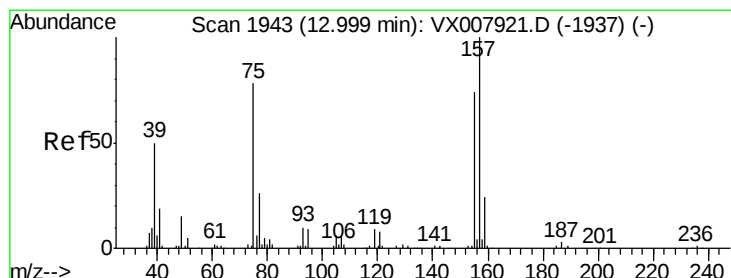
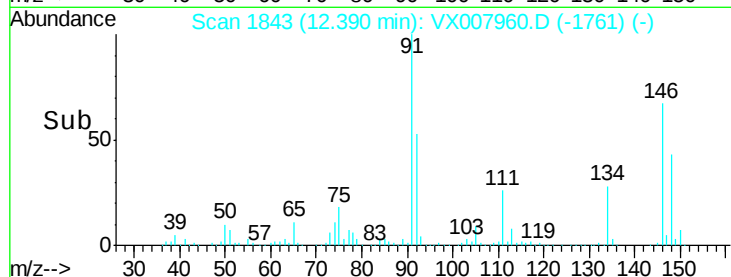
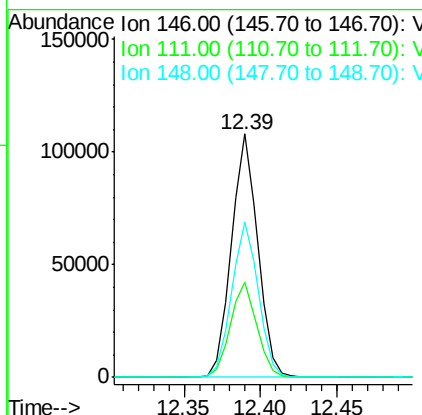
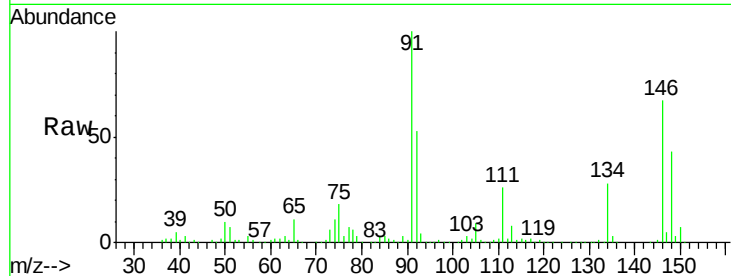




#87
 1,2-Dichlorobenzene
 Concen: 19.449 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. 0.00 min
 Lab File: VX007960.D
 Acq: 11 Mar 2019 09:41

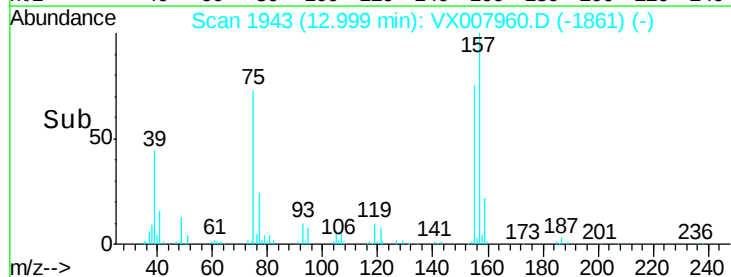
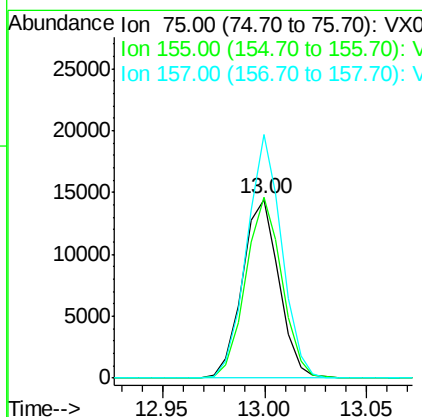
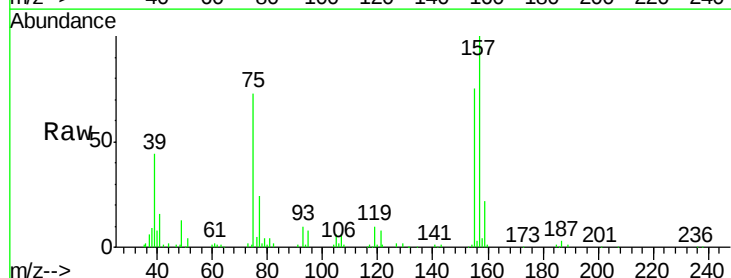
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020

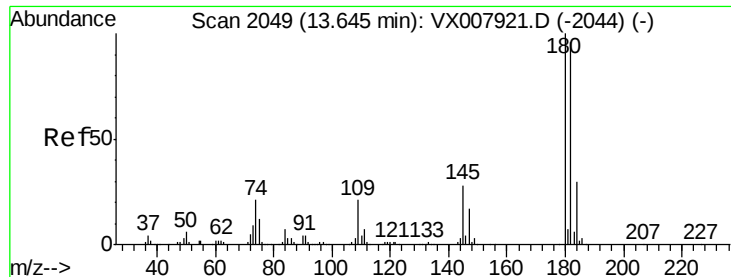
Tot Ion:146 Resp: 128386
 Ion Ratio Lower Upper
 146 100
 111 39.4 19.3 57.8
 148 64.7 32.1 96.3



#88
 1,2-Dibromo-3-Chloropropane
 Concen: 18.973 ug/l
 RT: 13.00 min Scan# 1943
 Delta R.T. 0.00 min
 Lab File: VX007960.D
 Acq: 11 Mar 2019 09:41

Tgt Ion: 75 Resp: 18062
 Ion Ratio Lower Upper
 75 100
 155 99.6 81.0 121.6
 157 129.5 103.2 154.8

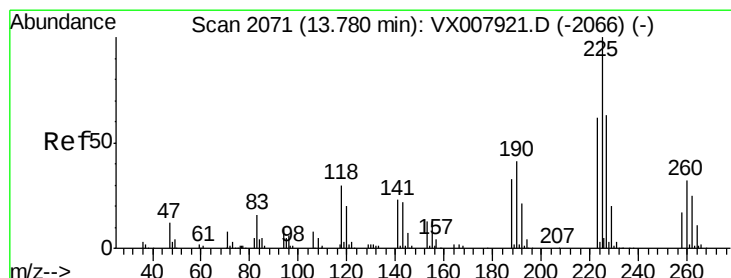
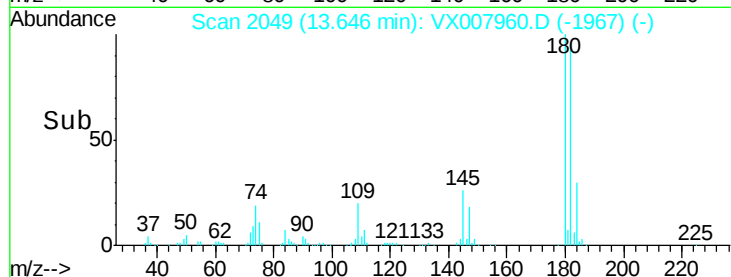
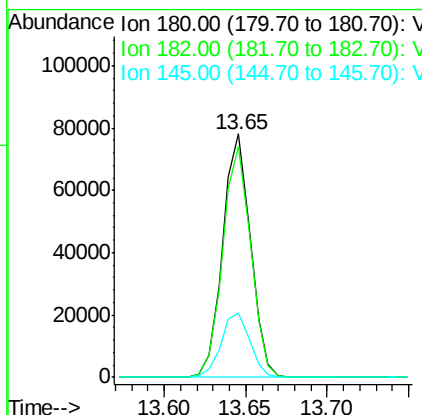
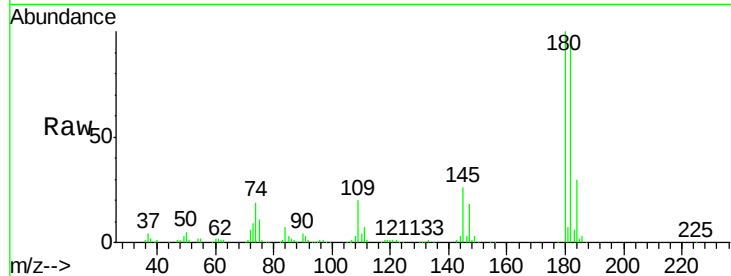




#89
 1,2,4-Trichlorobenzene
 Concen: 19.516 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. 0.00 min
 Lab File: VX007960.D
 Acq: 11 Mar 2019 09:41

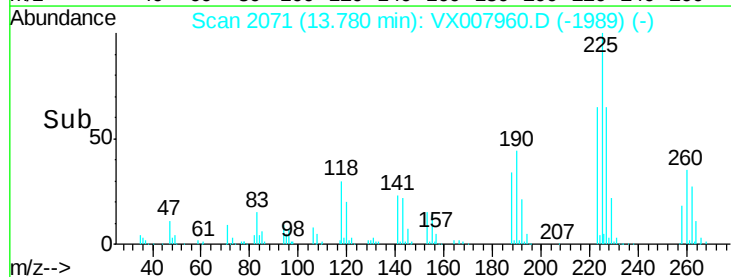
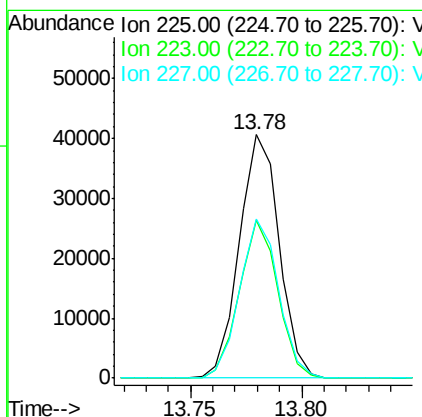
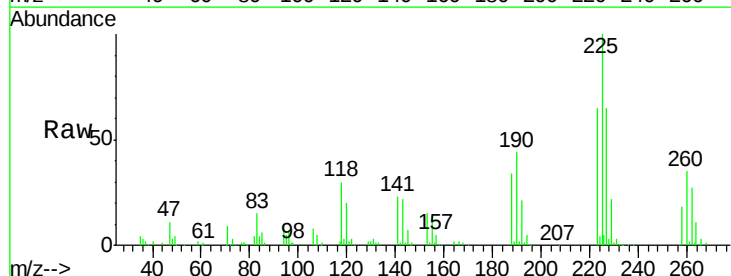
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020

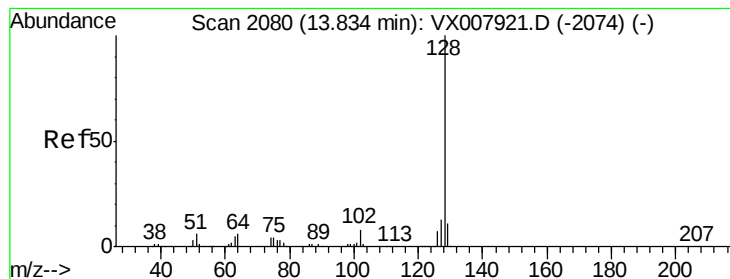
Tot Ion:180 Resp: 92584
 Ion Ratio Lower Upper
 180 100
 182 95.9 75.6 113.4
 145 27.3 23.0 34.6



#90
 Hexachlorobutadiene
 Concen: 19.412 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. 0.00 min
 Lab File: VX007960.D
 Acq: 11 Mar 2019 09:41

Tgt Ion:225 Resp: 50792
 Ion Ratio Lower Upper
 225 100
 223 62.5 0.0 123.8
 227 64.0 0.0 124.4





#91

Naphthalene

Concen: 19.103 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. 0.00 min

Lab File: VX007960.D

Acq: 11 Mar 2019 09:41

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

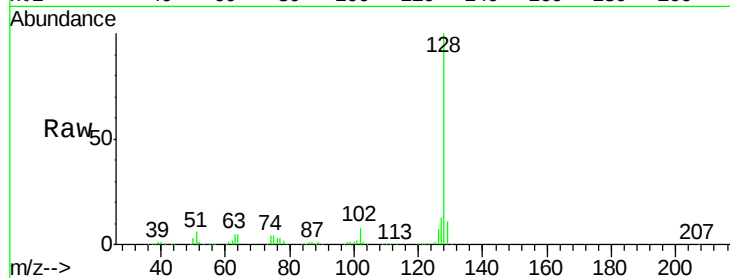
Tot Ion:128 Resp: 259784

Ion Ratio Lower Upper

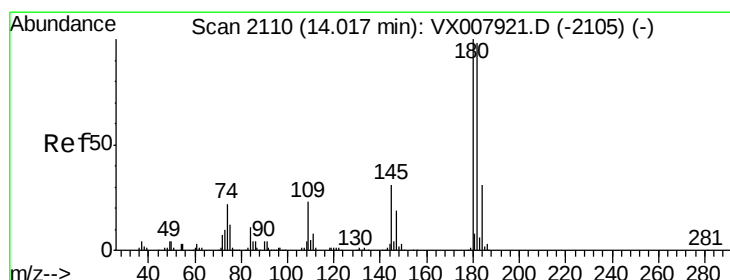
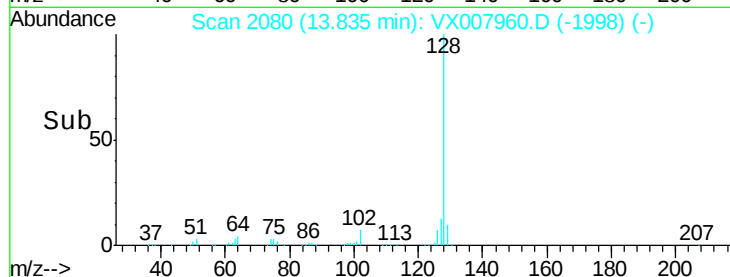
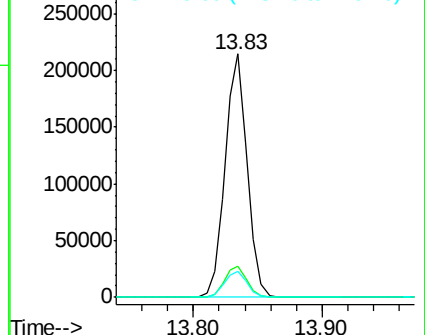
128 100

127 13.0 10.5 15.7

129 10.8 8.9 13.3



Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V



#92

1,2,3-Trichlorobenzene

Concen: 19.522 ug/l

RT: 14.02 min Scan# 2110

Delta R.T. 0.00 min

Lab File: VX007960.D

Acq: 11 Mar 2019 09:41

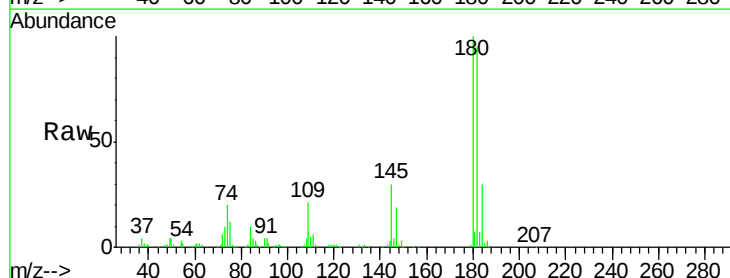
Tgt Ion:180 Resp: 92056

Ion Ratio Lower Upper

180 100

182 95.7 0.0 193.0

145 29.7 0.0 63.0



Abundance Ion 180.00 (179.70 to 180.70): V
Ion 182.00 (181.70 to 182.70): V
Ion 145.00 (144.70 to 145.70): V

